



**Australian
Bureau of
Statistics**

**September Quarter 1988
Employed Wage and
Salary Earners
Australia**

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EMPLOYED WAGE AND SALARY EARNERS
AUSTRALIA
SEPTEMBER QUARTER 1988

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6248.0

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|---------------------|---|
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CONTENTS

| <i>Table</i> | <i>Page</i> |
|---|-------------|
| .. Summary of Findings | 1 |
| 1 Employed wage and salary earners, States and Territories, sectors | 4 |
| 2 Gross Earnings, States and Territories, sectors | 5 |
| Employed wage and salary earners— | |
| 3 States and Territories — sectors | 6 |
| 4 Full-time and part-time — August 1988 | 7 |
| 5 Australia — sector and industry | 8 |
| 6 New South Wales — sector and industry | 12 |
| 7 Victoria — sector and industry | 14 |
| 8 Queensland — sector and industry | 16 |
| 9 South Australia — sector and industry | 18 |
| 10 Western Australia — sector and industry | 20 |
| 11 Tasmania — sector and industry | 22 |
| 12 Northern Territory — industry | 24 |
| 13 Australian Capital Territory — industry | 25 |
| 14 Private sector — Employer unit size | 26 |
| <i>Appendixes</i> | |
| 1 Explanatory Notes | 27 |
| 2 Glossary | 30 |
| 3 Technical Note | 31 |

SUMMARY OF FINDINGS

The total number of employed wage and salary earners in Australia in September 1988 was estimated as 6,059,900. This represents an increase of 121,200 (2.0 per cent) since June 1988 and an increase of 273,700 (4.7 per cent) compared to September 1987.

Over the last five years of the survey, the number of wage and salary earners has increased by 991,300 (19.6 per cent).

September 1988 estimates include the effect of the temporary employment of 63,200 Australian Electoral Commission employees to conduct the September 3 Referendum. Without this effect the total would have been 5,996,700 employees and the increase would have been 58,000 (1.0 per cent) since June 1988, 210,500 (3.6 per cent) since September 1987, and 928,100 (18.3 per cent) since September 1983.

Private and public sectors

Growth in the number of employed wage and salary earners (employees) in recent years is shown in Diagram 1 below. It can be seen that growth has been concentrated in the private sector. In the twelve months to September 1988, the number of private sector employees grew by 220,800 (5.5 per cent) to 4,260,600. This is an estimated increase of 835,800 employees (24.4 per cent) since September 1983.

In contrast, over the same period less growth has occurred in the public sector. In the twelve months to September 1988, the number of public sector employees increased by 52,900 (3.0 per cent) to 1,799,300, and the public sector has grown by 155,500 (9.5 per cent) since September 1983, as shown in Diagram 1. If the temporary Australian Electoral Commission employees are excluded, the number of public sector employees would have decreased by 10,300 (0.6 per cent) to 1,736,100 in the last twelve months and increased by 92,300 (5.6 per cent) since September 1983.

The proportion of wage and salary earners employed in the private sector has continued to increase, from 67.6 per

cent in September 1983, to 69.8 per cent in September 1987 and 70.3 per cent in September 1988.

Diagram 1 also shows:

- a sharp drop in the number of public sector employees in December and January each year, principally due to temporary staff in the education industry ceasing employment after the end of the school year;
- an increase in the number of public sector employees in June and July 1986, due to the employment of 40,700 temporary employees for the Census of Population and Housing;
- an increase in the number of public sector employees in July 1987, due to the employment of 67,600 temporary employees to conduct the Federal Election. This effect was partly offset by a fall in the number of employees in July in the education industry due to the incidence of school holidays in most States; and
- an increase in the number of public sector employees in September 1988, due to the employment of 63,200 temporary employees to conduct the Referendum.

Industries

Diagram 2 shows changes in the number of employed wage and salary earners, both for the twelve months to September 1988, and over the last five years to September 1988, classified by ASIC division.

The Finance, property and business services industry continues to show strong employee growth, with an increase of 210,800 (40.0 per cent) since September 1983, and 35,800 (5.1 per cent) since September 1987, to 738,100 employees in September 1988.

The Recreation, personal and other services industry has also shown substantial employee growth with an increase of 111,800 (33.0 per cent) since September 1983, and an increase of 33,300 (8.0 per cent) since September 1987, to 450,800 employees in September 1988.

Growth in the number of employees in the Construction industry has increased significantly recently. Of the increase of 53,100 employees (22.5 per cent) over the last

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS AUSTRALIA

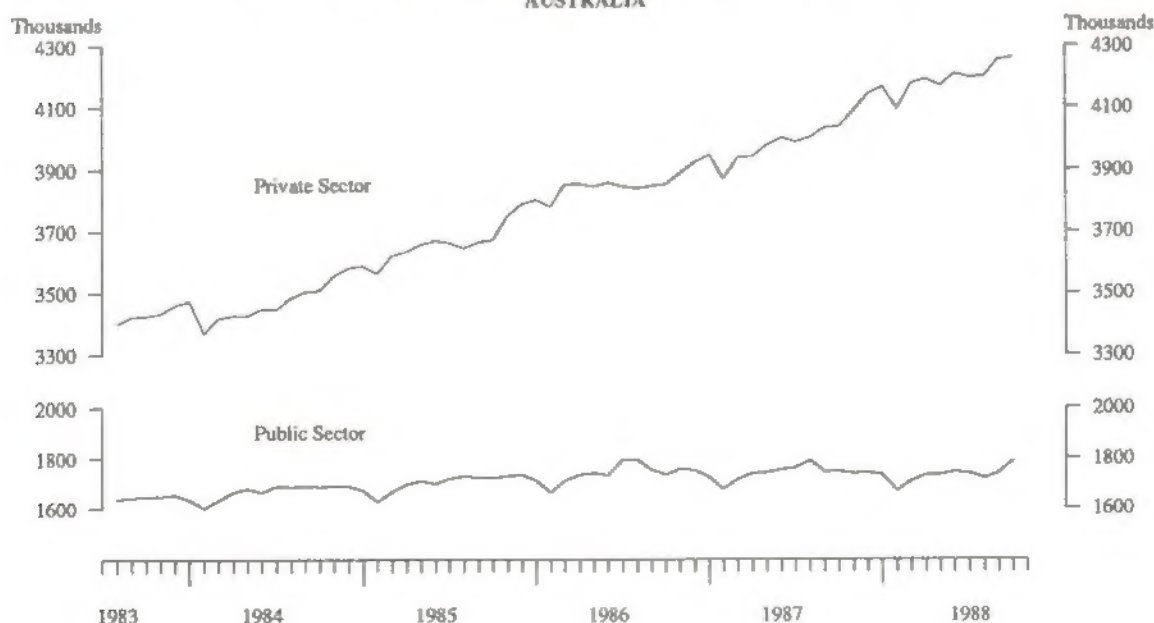
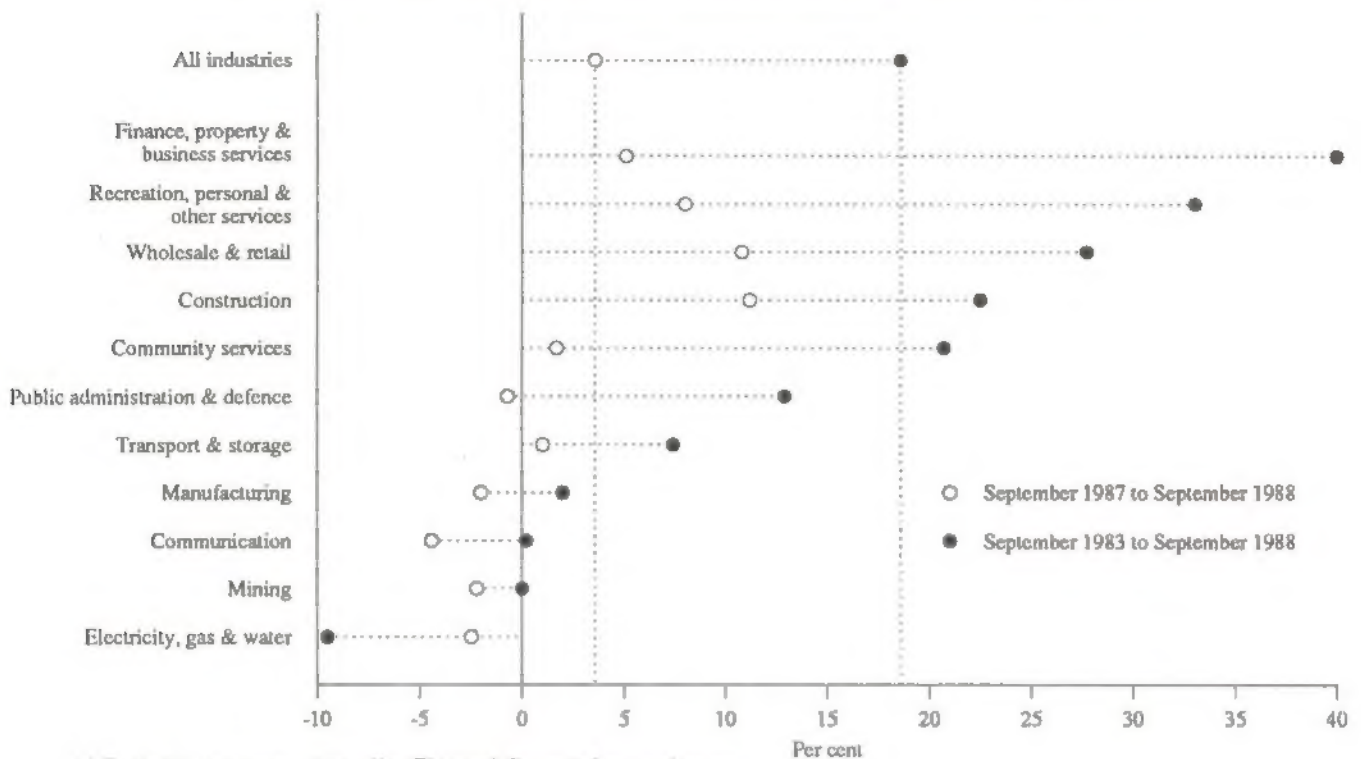


DIAGRAM 2. EMPLOYED WAGE AND SALARY EARNERS: EMPLOYEE GROWTH(a), AUSTRALIA



(a) Excluding temporary Australian Electoral Commission employees

five years, over one half of the growth (29,200 - 12.4 per cent) has occurred in the last twelve months, to 288,700 employees in September 1988.

The Wholesale and retail trade industry has also shown significant employee growth recently. In the five years since September 1983, there has been an increase in the number of employees of 274,900 (27.7 per cent) to 1,268,500 employees. In the last year, the increase was 123,500 employees (10.8 per cent).

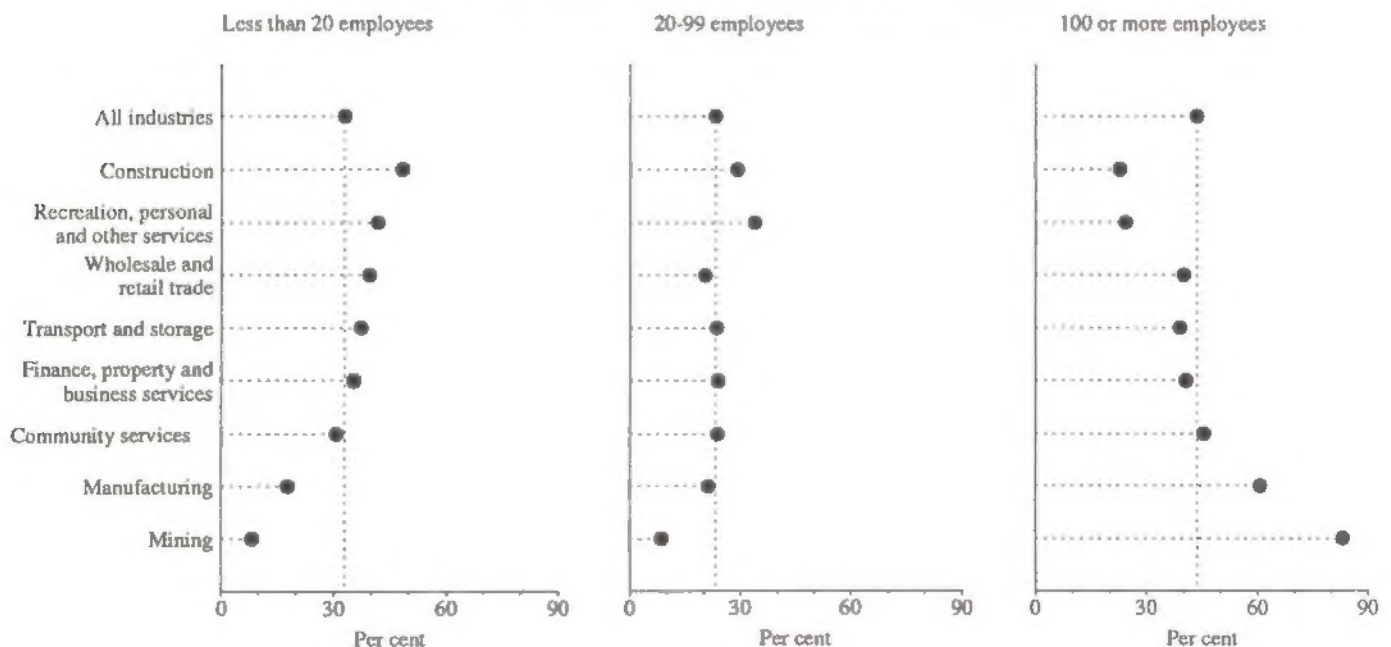
The Electricity, gas and water industry is the only industry to show a fall in the number of employees in the last five years (9.5 per cent). Of this decrease, 3,200 (2.5 per cent) has occurred over the last year, with a drop to 127,200 employees.

Several other industries also show falls in the number of employees in the last year, with decreases in Communication of 5,800 (4.4 per cent), Public administration and defence (excluding the temporary Australian Electoral Commission employees) of 2,200 (0.7 per cent), Mining of 1,900 (2.2 per cent), and Manufacturing of 20,800 (2.0 per cent).

Employer unit size

Estimates are given (Table 14) of private sector employees in employer units of various sizes. Diagram 3 shows the concentration of private sector employees in employer units in three size ranges, by industry.

DIAGRAM 3. EMPLOYED WAGE AND SALARY EARNERS: PRIVATE SECTOR, INDUSTRIES, PROPORTION OF EMPLOYEES BY EMPLOYER UNIT SIZE, AUGUST 1988



Male and female wage and salary earners

Estimates of male and female wage and salary earners relate to the middle month of each quarter. For the year to August 1988, the number of female employees has increased at twice the rate for male employees.

Growth in female employment has occurred in both the private and public sectors. In the last five years, the number of private sector female employees has increased by 463,700 (32.9 per cent) to 1,874,400 in August 1988. In this period, the number of public sector female employees has grown by 120,900 (19.4 per cent) to 744,500. In contrast, employee growth for males was concentrated in the private sector, with an increase over the five year period of 368,000 (18.3 per cent) to 2,381,400 employees in August 1988. The number of public sector male employees decreased in this period by 24,200 (2.4 per cent) to 993,900.

Diagram 4 shows an increasing number of female wage and salary earners as a proportion of total wage and salary earners. This proportion has grown steadily from 40.2 per cent in August 1983 to 43.7 per cent in August 1988. Note that the seasonal fall, between November and February each year, is principally due to the decrease in the number of part-time female employees in the Community services industry.

Full-time and part-time wage and salary earners

Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter. In August 1988, there were an estimated 4,542,300 full-time and 1,452,000 part-time employees in Australia. These represent an increase of 19,100 (0.4 per cent) full-time and 20,800 (1.5 per cent) part-time employees since May 1988.

Diagram 5 shows the growth in the number of full-time and part-time employees over the last five years. The rate of growth for part-time employees has been much greater than that of full-time employees, viz: 50.9 per cent, compared with 10.7 per cent. In the twelve months to August 1988, part-time employees have increased by 119,300 (9.0 per cent), compared with an increase in the number of full-time employees of 98,200 (2.2 per cent).

Since August 1983, percentage growth in the number of part-time employees has been of a similar order in both the private and public sectors, 50.9 per cent and 51.0 per cent, respectively.

DIAGRAM 4. FEMALE WAGE AND SALARY EARNERS AS A PERCENTAGE OF TOTAL, AUSTRALIA

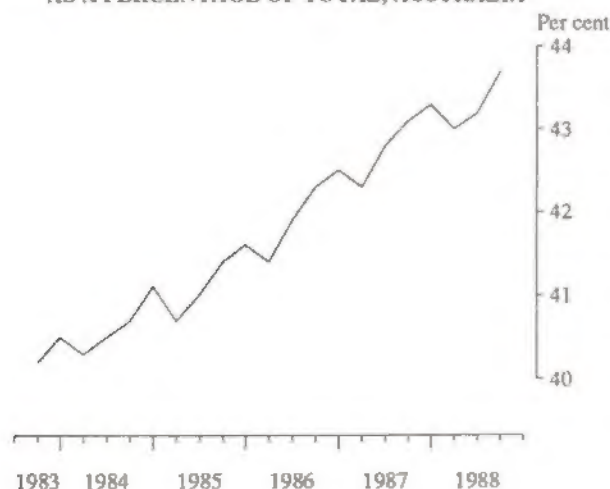
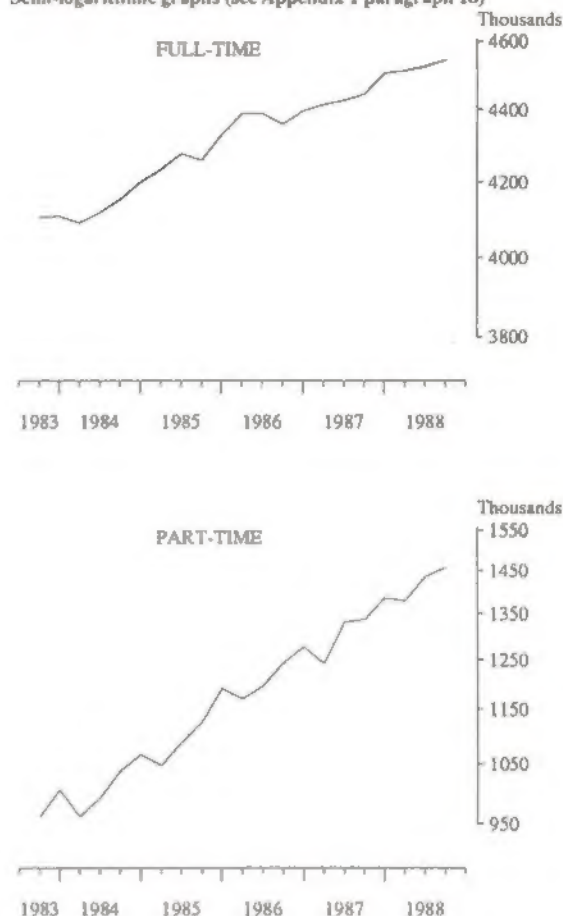


DIAGRAM 5. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA

Semi-logarithmic graphs (see Appendix 1 paragraph 18)



cent, respectively. However, growth in the number of full-time employees has been concentrated in the private sector, 16.4 per cent, compared to the public sector with 0.4 per cent growth.

The number of part-time female employees has increased by 360,400 (51.6 per cent) since August 1983, while the number of part-time male employees has increased by 129,400 (49.0 per cent). In the same five year period, the increase in the number of full-time female employees (224,200 - 16.8 per cent) is relatively more significant than that for full-time males (214,500 - 7.8 per cent).

Earnings

Total earnings for employed wage and salary earners in the September quarter 1988 are estimated as \$33,313.9m. This is an increase of \$3,140.5m (10.4 per cent) over the same period in the previous year and an increase of \$13,081.9m (64.7 per cent) over September quarter 1983.

Public sector sampling was introduced for the September quarter 1988 survey to further reduce respondent load. This means that standard errors will now apply to Public sector estimates. See paragraphs 6 and 8 of Appendix 1 - Explanatory Notes and Appendix 3 - Technical Note.

Extension of the coverage of the ABS register of businesses relating to school councils has affected the estimates of the number of employees and earnings for the Education, museum and library services industry in the Victorian State government sector from this quarter. See paragraph 10 of Appendix 1 - Explanatory Notes.

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS ('000)

| Month | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. | Aust. |
|--------------------|---------|---------|-------|-------|-------|-------|------|--------|---------|
| PRIVATE | | | | | | | | | |
| 1986- June | 1,347.1 | 1,113.4 | 551.0 | 313.7 | 344.9 | 93.8 | 36.7 | 45.2 | 3,845.7 |
| 1987- June | 1,410.7 | 1,140.3 | 563.1 | 324.1 | 366.7 | 100.5 | 34.8 | 49.6 | 3,989.7 |
| 1987- August | 1,430.3 | 1,162.2 | 561.8 | 329.9 | 366.6 | 98.6 | 33.4 | 51.3 | 4,034.1 |
| September | 1,432.7 | 1,166.5 | 564.0 | 329.9 | 364.9 | 97.6 | 33.0 | 51.2 | 4,039.8 |
| October | 1,465.1 | 1,173.5 | 577.1 | 326.6 | 363.0 | 96.6 | 30.8 | 52.3 | 4,085.1 |
| November | 1,483.5 | 1,186.4 | 584.4 | 332.0 | 370.3 | 98.1 | 31.0 | 54.5 | 4,140.3 |
| December | 1,496.4 | 1,196.1 | 581.9 | 332.6 | 370.1 | 99.4 | 30.0 | 54.5 | 4,161.0 |
| 1988- January | 1,494.2 | 1,171.2 | 560.3 | 336.6 | 357.5 | 96.7 | 28.9 | 52.0 | 4,097.3 |
| February | 1,524.5 | 1,194.6 | 571.3 | 342.1 | 363.3 | 98.6 | 28.8 | 54.7 | 4,177.8 |
| March | 1,522.8 | 1,202.1 | 577.0 | 343.0 | 365.9 | 98.7 | 29.1 | 54.7 | 4,193.2 |
| April | 1,526.9 | 1,186.9 | 576.0 | 339.2 | 360.8 | 96.0 | 30.5 | 53.4 | 4,169.9 |
| May | 1,537.5 | 1,196.7 | 589.2 | 341.7 | 362.7 | 96.6 | 31.6 | 54.1 | 4,209.9 |
| June | 1,535.4 | 1,191.3 | 588.7 | 339.8 | 361.2 | 96.3 | 32.4 | 53.9 | 4,198.9 |
| July | 1,500.5 | 1,207.3 | 621.9 | 329.9 | 354.9 | 97.5 | 36.0 | 54.0 | 4,202.0 |
| August | 1,517.9 | 1,225.4 | 632.0 | 335.7 | 355.1 | 98.0 | 37.1 | 54.6 | 4,255.8 |
| September | 1,518.9 | 1,226.8 | 636.9 | 335.7 | 353.9 | 97.9 | 36.5 | 54.0 | 4,260.6 |
| PUBLIC | | | | | | | | | |
| 1986- June(a) | 582.8 | 468.2 | 268.6 | 154.4 | 165.0 | 55.0 | 23.3 | 73.3 | 1,790.5 |
| 1987- June | 581.1 | 456.5 | 259.1 | 153.7 | 158.6 | 53.8 | 22.0 | 73.1 | 1,757.9 |
| 1987- August | 572.4 | 457.2 | 256.2 | 153.6 | 157.5 | 53.6 | 21.6 | 70.9 | 1,742.8 |
| September | 576.3 | 456.8 | 255.4 | 153.4 | 158.1 | 53.7 | 21.6 | 71.1 | 1,746.4 |
| October | 569.9 | 455.6 | 253.4 | 153.3 | 158.5 | 53.7 | 21.5 | 70.9 | 1,736.8 |
| November | 576.1 | 453.2 | 253.2 | 152.9 | 157.8 | 53.4 | 21.5 | 70.8 | 1,739.1 |
| December | 569.4 | 453.1 | 251.3 | 152.3 | 159.0 | 53.7 | 21.4 | 70.4 | 1,730.5 |
| 1988- January | 547.9 | 439.8 | 246.5 | 146.8 | 147.0 | 51.3 | 21.3 | 69.4 | 1,670.0 |
| February | 565.5 | 448.0 | 247.5 | 149.7 | 153.6 | 51.1 | 21.0 | 70.4 | 1,706.7 |
| March | 570.9 | 454.0 | 251.7 | 151.7 | 156.8 | 51.9 | 21.5 | 71.5 | 1,730.0 |
| April | 572.1 | 453.7 | 253.0 | 151.8 | 157.8 | 52.6 | 21.5 | 71.6 | 1,734.0 |
| May | 578.1 | 455.7 | 254.0 | 151.0 | 159.1 | 53.0 | 21.4 | 72.3 | 1,744.6 |
| June | 573.6 | 455.0 | 253.5 | 151.5 | 159.6 | 52.3 | 21.7 | 72.5 | 1,739.8 |
| July | 563.1 | 455.6 | 249.8 | 152.1 | 154.5 | 51.5 | 20.9 | 71.5 | 1,719.1 |
| August | 571.7 | 459.6 | 251.9 | 151.9 | 157.7 | 53.3 | 21.0 | 71.4 | 1,738.4 |
| September(b) | 596.9 | 474.8 | 258.0 | 156.7 | 165.7 | 54.4 | 21.4 | 71.4 | 1,799.3 |
| PRIVATE AND PUBLIC | | | | | | | | | |
| 1986- June(a) | 1,929.9 | 1,581.4 | 819.5 | 468.0 | 509.9 | 148.8 | 60.0 | 118.5 | 5,636.2 |
| 1987- June | 1,991.7 | 1,596.7 | 822.2 | 477.7 | 525.3 | 154.2 | 56.8 | 122.7 | 5,747.5 |
| 1987- August | 2,002.6 | 1,619.4 | 818.0 | 483.4 | 524.0 | 152.2 | 55.0 | 122.2 | 5,776.9 |
| September | 2,009.0 | 1,623.3 | 819.3 | 483.3 | 523.0 | 151.3 | 54.7 | 122.3 | 5,786.2 |
| October | 2,035.0 | 1,629.1 | 830.5 | 479.9 | 521.4 | 150.4 | 52.3 | 123.2 | 5,821.9 |
| November | 2,059.7 | 1,639.7 | 837.6 | 484.9 | 528.1 | 151.5 | 52.5 | 125.3 | 5,879.3 |
| December | 2,065.8 | 1,649.2 | 833.2 | 484.9 | 529.1 | 153.1 | 51.4 | 125.0 | 5,891.6 |
| 1988- January | 2,042.1 | 1,610.9 | 806.8 | 483.4 | 504.5 | 148.0 | 50.3 | 121.4 | 5,767.4 |
| February | 2,090.0 | 1,642.5 | 818.8 | 491.7 | 516.8 | 149.6 | 49.8 | 125.1 | 5,884.4 |
| March | 2,093.7 | 1,656.1 | 828.7 | 494.7 | 522.7 | 150.6 | 50.7 | 126.2 | 5,923.2 |
| April | 2,099.0 | 1,640.6 | 829.0 | 491.0 | 518.7 | 148.7 | 52.0 | 125.0 | 5,903.9 |
| May | 2,115.6 | 1,652.4 | 843.1 | 492.7 | 521.8 | 149.5 | 53.0 | 126.4 | 5,954.5 |
| June | 2,109.1 | 1,646.3 | 842.2 | 491.2 | 520.8 | 148.6 | 54.1 | 126.4 | 5,938.7 |
| July | 2,063.6 | 1,662.9 | 871.7 | 482.0 | 509.5 | 149.0 | 56.9 | 125.5 | 5,921.1 |
| August | 2,089.7 | 1,685.0 | 883.9 | 487.6 | 512.8 | 151.3 | 58.0 | 126.0 | 5,994.3 |
| September(b) | 2,115.8 | 1,701.6 | 894.9 | 492.4 | 519.5 | 152.3 | 57.9 | 125.4 | 6,059.9 |

(a) Includes temporary Population Census employees. (b) Includes temporary Australian Electoral Commission staff.

TABLE 2. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS
(\$m)

| Quarter | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. | Aust. |
|--------------------|----------|----------|----------|---------|----------|---------|---------|---------|-----------|
| PRIVATE | | | | | | | | | |
| 1983-84 | 19,652.6 | 14,650.4 | 7,315.1 | 4,138.0 | 4,572.7 | 1,215.4 | 383.0 | 538.2 | 52,465.5 |
| 1984-85 | 21,719.3 | 16,403.5 | 8,034.9 | 4,729.9 | 5,150.5 | 1,381.4 | 494.7 | 640.4 | 58,554.7 |
| 1985-86 | 24,030.5 | 18,747.2 | 8,830.5 | 5,171.7 | 5,869.0 | 1,513.7 | 601.1 | 708.2 | 65,471.9 |
| 1986-87 | 26,896.8 | 21,053.4 | 9,490.0 | 5,488.3 | 6,646.3 | 1,687.9 | 632.9 | 824.0 | 72,719.6 |
| 1987-88 | 31,149.5 | 23,957.9 | 10,549.8 | 6,080.3 | 7,309.7 | 1,751.3 | 624.8 | 957.5 | 82,380.7 |
| 1986- | | | | | | | | | |
| March | 5,872.1 | 4,590.1 | 2,168.6 | 1,248.0 | 1,473.4 | 374.4 | 142.8 | 176.8 | 16,046.2 |
| June | 6,239.7 | 4,966.1 | 2,268.3 | 1,317.3 | 1,523.6 | 395.0 | 165.7 | 185.7 | 17,061.5 |
| September | 6,498.2 | 5,153.9 | 2,338.2 | 1,318.7 | 1,606.6 | 397.0 | 167.7 | 193.8 | 17,674.2 |
| December | 6,960.5 | 5,503.3 | 2,429.5 | 1,440.3 | 1,701.1 | 440.3 | 157.1 | 205.9 | 18,838.0 |
| 1987- | | | | | | | | | |
| March | 6,408.2 | 4,907.6 | 2,267.5 | 1,320.7 | 1,627.7 | 404.4 | 146.1 | 203.1 | 17,285.2 |
| June | 7,029.9 | 5,488.7 | 2,454.8 | 1,408.6 | 1,710.8 | 446.3 | 162.0 | 221.1 | 18,922.2 |
| September | 7,314.3 | 5,742.9 | 2,524.4 | 1,465.6 | 1,762.4 | 436.4 | 160.4 | 233.1 | 19,639.4 |
| December | 7,979.4 | 6,222.0 | 2,701.5 | 1,525.3 | 1,898.8 | 455.5 | 159.0 | 250.0 | 21,191.5 |
| 1988- | | | | | | | | | |
| March | 7,707.1 | 5,796.5 | 2,563.1 | 1,481.8 | 1,770.9 | 411.0 | 149.3 | 230.4 | 20,110.1 |
| June | 8,148.8 | 6,196.5 | 2,760.8 | 1,607.5 | 1,877.6 | 448.3 | 156.0 | 244.0 | 21,439.6 |
| September | 8,291.8 | 6,429.9 | 2,974.7 | 1,598.8 | 1,867.2 | 442.1 | 181.0 | 257.9 | 22,043.4 |
| PUBLIC | | | | | | | | | |
| 1983-84 | 10,856.6 | 8,431.0 | 4,630.3 | 2,828.5 | 2,752.9 | 954.0 | 461.8 | 1,445.7 | 32,360.8 |
| 1984-85 | 11,678.5 | 9,112.8 | 5,062.5 | 3,078.7 | 3,069.9 | 1,038.2 | 497.3 | 1,607.0 | 35,084.9 |
| 1985-86 | 12,562.3 | 9,799.5 | 5,363.1 | 3,252.0 | 3,299.5 | 1,123.2 | 556.4 | 1,777.8 | 37,733.7 |
| 1986-87 | 13,415.4 | 10,565.4 | 5,702.4 | 3,423.2 | 3,509.9 | 1,169.6 | 584.2 | 1,914.0 | 40,284.2 |
| 1987-88 | 14,142.2 | 11,296.9 | 5,839.2 | 3,629.2 | 3,748.7 | 1,233.5 | 597.5 | 1,989.7 | 42,476.9 |
| 1986- | | | | | | | | | |
| March | 3,047.7 | 2,410.6 | 1,346.3 | 791.9 | 802.1 | 259.2 | 130.5 | 426.9 | 9,215.1 |
| June | 3,257.7 | 2,443.0 | 1,367.7 | 834.8 | 868.8 | 291.5 | 150.3 | 485.3 | 9,699.1 |
| September | 3,186.5 | 2,682.3 | 1,412.0 | 842.6 | 839.5 | 277.9 | 139.3 | 457.0 | 9,837.1 |
| December | 3,526.0 | 2,713.7 | 1,423.7 | 900.3 | 916.4 | 317.4 | 157.5 | 503.0 | 10,458.1 |
| 1987- | | | | | | | | | |
| March | 3,170.9 | 2,552.2 | 1,377.1 | 786.2 | 830.2 | 268.7 | 134.5 | 452.9 | 9,572.7 |
| June | 3,532.0 | 2,617.3 | 1,489.5 | 894.2 | 923.9 | 305.6 | 152.9 | 501.0 | 10,416.3 |
| September | 3,433.2 | 2,849.0 | 1,484.2 | 873.4 | 913.1 | 315.3 | 158.7 | 507.0 | 10,534.0 |
| December | 3,591.1 | 2,812.5 | 1,435.6 | 924.9 | 966.9 | 313.9 | 147.1 | 489.0 | 10,681.0 |
| 1988- | | | | | | | | | |
| March | 3,553.9 | 2,724.5 | 1,431.0 | 915.0 | 926.3 | 301.9 | 150.0 | 513.7 | 10,516.1 |
| June | 3,563.9 | 2,910.9 | 1,488.3 | 916.0 | 942.4 | 302.4 | 141.7 | 480.1 | 10,745.8 |
| September | 3,768.9 | 2,937.6 | 1,564.8 | 943.1 | 1,013.3 | 325.8 | 161.8 | 555.3 | 11,270.5 |
| PRIVATE AND PUBLIC | | | | | | | | | |
| 1983-84 | 30,509.2 | 23,081.4 | 11,945.4 | 6,966.5 | 7,325.5 | 2,169.4 | 844.9 | 1,983.9 | 84,826.3 |
| 1984-85 | 33,398.0 | 25,516.3 | 13,074.4 | 7,806.7 | 8,220.4 | 2,419.6 | 992.0 | 2,247.4 | 93,639.8 |
| 1985-86 | 36,592.8 | 28,546.7 | 14,193.6 | 8,423.7 | 9,168.6 | 2,636.9 | 1,157.5 | 2,486.0 | 103,205.7 |
| 1986-87 | 40,312.1 | 31,618.9 | 15,192.4 | 8,911.4 | 10,156.2 | 2,857.5 | 1,217.1 | 2,737.9 | 113,003.8 |
| 1987-88 | 45,291.6 | 35,254.8 | 16,389.0 | 9,709.4 | 11,058.4 | 2,984.7 | 1,222.3 | 2,947.2 | 124,857.6 |
| 1986- | | | | | | | | | |
| March | 8,919.8 | 7,000.7 | 3,514.9 | 2,039.9 | 2,275.5 | 633.5 | 273.3 | 603.7 | 25,261.3 |
| June | 9,497.4 | 7,409.1 | 3,635.9 | 2,152.1 | 2,392.4 | 686.5 | 316.0 | 671.0 | 26,760.5 |
| September | 9,684.7 | 7,836.2 | 3,750.2 | 2,161.3 | 2,446.1 | 674.8 | 307.0 | 650.8 | 27,511.2 |
| December | 10,486.4 | 8,217.1 | 3,853.3 | 2,340.5 | 2,617.5 | 757.8 | 314.6 | 708.9 | 29,296.1 |
| 1987- | | | | | | | | | |
| March | 9,579.1 | 7,459.7 | 3,644.6 | 2,106.8 | 2,457.9 | 673.1 | 280.6 | 656.0 | 26,857.9 |
| June | 10,561.9 | 8,105.9 | 3,944.3 | 2,302.7 | 2,634.7 | 751.8 | 315.0 | 722.2 | 29,338.5 |
| September | 10,747.5 | 8,591.9 | 4,008.6 | 2,338.9 | 2,675.5 | 751.7 | 319.1 | 740.1 | 30,173.4 |
| December | 11,570.5 | 9,034.5 | 4,137.1 | 2,450.2 | 2,865.7 | 769.4 | 306.1 | 739.0 | 31,872.5 |
| 1988- | | | | | | | | | |
| March | 11,260.9 | 8,521.0 | 3,994.1 | 2,396.8 | 2,697.2 | 712.9 | 299.3 | 744.0 | 30,626.3 |
| June | 11,712.7 | 9,107.4 | 4,249.2 | 2,523.5 | 2,820.0 | 750.7 | 297.8 | 724.1 | 32,185.4 |
| September | 12,060.7 | 9,367.6 | 4,539.5 | 2,541.9 | 2,880.4 | 767.9 | 342.7 | 813.2 | 33,313.9 |

TABLE 3. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

| State, Territory/Sector | Number of employees('000) | | | | | | Gross earnings | |
|-------------------------|---------------------------|-----------|-----------|-------------|---------|-------------------|------------------------|----------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September(a) 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| New South Wales | 2,009.0 | 2,109.1 | 2,063.6 | 1,178.4 | 911.2 | 2,089.7 | 2,115.8 | 12,060.7 |
| Private | 1,432.7 | 1,535.4 | 1,500.5 | 844.2 | 673.7 | 1,517.9 | 1,518.9 | 8,291.8 |
| Public | 576.3 | 573.6 | 563.1 | 334.2 | 237.5 | 571.7 | 596.9 | 3,768.9 |
| Commonwealth | 135.6 | 135.4 | 134.9 | 85.7 | 48.8 | 134.5 | 159.3 | 917.9 |
| State | 377.6 | 376.5 | 366.5 | 200.0 | 175.8 | 375.8 | 376.5 | 2,455.0 |
| Local | 63.1 | 61.8 | 61.7 | 48.6 | 12.9 | 61.5 | 61.1 | 396.0 |
| Victoria | 1,623.3 | 1,646.3 | 1,662.9 | 939.8 | 745.2 | 1,685.0 | 1,701.6 | 9,367.6 |
| Private | 1,166.5 | 1,191.3 | 1,207.3 | 687.0 | 538.5 | 1,225.4 | 1,226.8 | 6,429.9 |
| Public | 456.8 | 455.0 | 455.6 | 252.8 | 206.8 | 459.6 | 474.8 | 2,937.6 |
| Commonwealth | 99.4 | 97.7 | 97.1 | 64.5 | 32.9 | 97.3 | 114.2 | 674.1 |
| State | 313.4 | 313.3 | 315.1 | 165.0 | 153.0 | 318.0 | 316.3 | 2,050.9 |
| Local | 44.0 | 44.0 | 43.5 | 23.3 | 20.9 | 44.2 | 44.2 | 212.7 |
| Queensland | 819.3 | 842.2 | 871.7 | 512.2 | 371.7 | 883.9 | 894.9 | 4,539.5 |
| Private | 564.0 | 588.7 | 621.9 | 358.8 | 273.3 | 632.0 | 636.9 | 2,974.7 |
| Public | 255.4 | 253.5 | 249.8 | 153.4 | 98.4 | 251.9 | 258.0 | 1,564.8 |
| Commonwealth | 50.0 | 50.2 | 49.1 | 31.8 | 18.3 | 50.1 | 57.5 | 333.0 |
| State | 178.7 | 176.5 | 174.0 | 99.3 | 75.6 | 174.9 | 173.8 | 1,079.4 |
| Local | 26.6 | 26.9 | 26.8 | 22.3 | 4.5 | 26.9 | 26.8 | 152.4 |
| South Australia | 483.3 | 491.2 | 482.0 | 276.1 | 211.4 | 487.6 | 492.4 | 2,541.9 |
| Private | 329.9 | 339.8 | 329.9 | 188.9 | 146.7 | 335.7 | 335.7 | 1,598.8 |
| Public | 153.4 | 151.5 | 152.1 | 87.2 | 64.7 | 151.9 | 156.7 | 943.1 |
| Commonwealth | 36.0 | 35.2 | 34.7 | 24.9 | 9.5 | 34.4 | 39.1 | 216.8 |
| State | 109.0 | 107.8 | 109.1 | 56.4 | 52.9 | 109.2 | 109.4 | 680.8 |
| Local | 8.4 | 8.4 | 8.3 | 5.9 | 2.4 | 8.2 | 8.2 | 45.5 |
| Western Australia | 523.0 | 520.8 | 509.5 | 286.8 | 226.0 | 512.8 | 519.5 | 2,880.4 |
| Private | 364.9 | 361.2 | 354.9 | 201.2 | 154.0 | 355.1 | 353.9 | 1,867.2 |
| Public | 158.1 | 159.6 | 154.5 | 85.6 | 72.1 | 157.7 | 165.7 | 1,013.3 |
| Commonwealth | 26.6 | 26.2 | 25.3 | 15.8 | 9.7 | 25.5 | 31.7 | 175.6 |
| State | 121.0 | 123.1 | 118.9 | 62.8 | 59.2 | 122.0 | 123.7 | 784.1 |
| Local | 10.5 | 10.2 | 10.3 | 7.1 | 3.2 | 10.3 | 10.3 | 53.6 |
| Tasmania | 151.3 | 148.6 | 149.0 | 85.4 | 65.8 | 151.3 | 152.3 | 767.9 |
| Private | 97.6 | 96.3 | 97.5 | 55.2 | 42.8 | 98.0 | 97.9 | 442.1 |
| Public | 53.7 | 52.3 | 51.5 | 30.3 | 23.1 | 53.3 | 54.4 | 325.8 |
| Commonwealth | 10.1 | 9.7 | 9.5 | 6.6 | 3.1 | 9.6 | 11.5 | 66.6 |
| State | 40.0 | 39.2 | 38.5 | 21.0 | 19.3 | 40.3 | 39.5 | 240.4 |
| Local | 3.6 | 3.4 | 3.4 | 2.7 | 0.7 | 3.4 | 3.4 | 18.8 |
| Northern Territory | 54.7 | 54.1 | 56.9 | 31.6 | 26.4 | 58.0 | 57.9 | 342.7 |
| Private | 33.0 | 32.4 | 36.0 | 20.4 | 16.6 | 37.1 | 36.5 | 181.0 |
| Public | 21.6 | 21.7 | 20.9 | 11.2 | 9.8 | 21.0 | 21.4 | 161.8 |
| Commonwealth | 5.0 | 5.1 | 5.0 | 3.1 | 1.9 | 5.0 | 5.0 | 35.2 |
| State | 15.8 | 15.7 | 15.0 | 7.5 | 7.6 | 15.1 | 15.5 | 121.7 |
| Local | 0.8 | 0.8 | 0.9 | 0.6 | 0.3 | 0.9 | 0.9 | 4.9 |
| Aust. Capital Territory | 122.3 | 126.4 | 125.5 | 64.9 | 61.1 | 126.0 | 125.4 | 813.2 |
| Private | 51.2 | 53.9 | 54.0 | 25.7 | 28.9 | 54.6 | 54.0 | 257.9 |
| Public | 71.1 | 72.5 | 71.5 | 39.2 | 32.2 | 71.4 | 71.4 | 555.3 |
| Australia | 5,786.2 | 5,938.7 | 5,921.1 | 3,375.4 | 2,618.9 | 5,994.3 | 6,059.9 | 33,313.9 |
| Private | 4,039.8 | 4,198.9 | 4,202.0 | 2,381.4 | 1,874.4 | 4,255.8 | 4,260.6 | 22,043.4 |
| Public | 1,746.4 | 1,739.8 | 1,719.1 | 993.9 | 744.5 | 1,738.4 | 1,799.3 | 11,270.5 |
| Commonwealth | 433.4 | 431.7 | 426.6 | 271.2 | 156.1 | 427.3 | 489.1 | 2,969.9 |
| State(b) | 1,156.0 | 1,152.6 | 1,137.6 | 612.3 | 543.5 | 1,155.8 | 1,155.2 | 7,416.7 |
| Local | 157.0 | 155.5 | 154.8 | 110.4 | 44.9 | 155.4 | 155.0 | 883.9 |

(a) Total, Public and Commonwealth values include temporary Australian Electoral Commission employees (b) Includes employees of State governments employed in the ACT.

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS - FULL-TIME AND PART-TIME(a) - AUGUST 1988

| | Number of employees('000) | | | | | |
|--|---------------------------|---------|---------|-----------|---------|---------|
| | Full-time | | | Part-time | | |
| | Males | Females | Persons | Males | Females | Persons |
| AUSTRALIA BY INDUSTRY | | | | | | |
| Mining | 74.3 | 6.4 | 80.8 | 1.5 | 1.2 | 2.7 |
| Manufacturing | 720.5 | 226.9 | 947.4 | 29.7 | 57.6 | 87.3 |
| Electricity, gas and water | 112.9 | 12.0 | 124.9 | 0.9 | 1.7 | 2.6 |
| Construction | 237.2 | 27.4 | 264.5 | 10.0 | 13.4 | 23.4 |
| Wholesale trade | 264.8 | 94.2 | 359.0 | 19.6 | 36.3 | 55.9 |
| Retail trade | 292.4 | 192.4 | 484.8 | 103.8 | 262.8 | 366.6 |
| Transport and storage | 216.1 | 45.2 | 261.2 | 19.5 | 10.9 | 30.5 |
| Communication | 95.2 | 27.4 | 122.5 | 1.3 | 4.1 | 5.5 |
| Finance, property and business services | 303.8 | 279.0 | 582.8 | 42.9 | 108.0 | 150.9 |
| Public administration and defence(b) | 185.6 | 95.3 | 280.9 | 6.7 | 28.0 | 34.7 |
| Community services | 368.5 | 464.7 | 833.3 | 68.7 | 362.5 | 431.2 |
| Recreation, personal and other services(c) | 104.3 | 88.5 | 192.7 | 88.7 | 171.6 | 260.2 |
| Total all industries(d) | 2,981.8 | 1,560.5 | 4,542.3 | 393.5 | 1,058.5 | 1,452.0 |
| Private | 2,043.5 | 1,030.8 | 3,074.3 | 337.9 | 843.6 | 1,181.6 |
| Public | 938.4 | 529.7 | 1,468.0 | 55.6 | 214.8 | 270.4 |
| STATES AND TERRITORIES | | | | | | |
| New South Wales | 1,040.4 | 564.7 | 1,605.1 | 138.0 | 346.5 | 484.5 |
| Victoria | 833.9 | 449.6 | 1,283.5 | 105.9 | 295.6 | 401.5 |
| Queensland | 448.5 | 218.9 | 667.4 | 63.7 | 152.8 | 216.4 |
| South Australia | 242.2 | 108.2 | 350.3 | 34.0 | 103.3 | 137.2 |
| Western Australia | 257.3 | 129.3 | 386.6 | 29.5 | 96.7 | 126.2 |
| Tasmania | 75.4 | 32.9 | 108.3 | 10.0 | 32.9 | 42.9 |
| Northern Territory | 26.8 | 17.1 | 43.9 | 4.8 | 9.3 | 14.1 |
| Australian Capital Territory | 57.3 | 39.7 | 97.0 | 7.7 | 21.4 | 29.0 |

(a) See Appendix 1-Explanatory Notes, paragraph 13 (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|----------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE | | | | | | | | |
| Mining | 77.7 | 77.8 | 76.7 | 69.2 | 7.4 | 76.6 | 76.0 | 714.3 |
| Manufacturing | 1,007.8 | 1,004.0 | 986.9 | 712.4 | 278.7 | 991.1 | 990.8 | 6,082.9 |
| Electricity, gas and water | 5.6 | 5.7 | 4.3 | 3.5 | 0.8 | 4.3 | 4.3 | 31.4 |
| Construction | 215.6 | 244.9 | 239.9 | 210.5 | 36.0 | 246.5 | 247.4 | 1,546.4 |
| Wholesale and retail trade | 1,140.2 | 1,221.5 | 1,246.9 | 677.8 | 584.1 | 1,261.9 | 1,264.1 | 5,439.6 |
| Transport and storage | 144.4 | 147.0 | 150.2 | 112.8 | 39.6 | 152.4 | 152.9 | 926.5 |
| Road transport | 82.0 | 83.9 | 83.9 | 69.5 | 16.4 | 85.9 | 86.5 | 460.8 |
| Other transport and storage | 62.4 | 63.1 | 66.3 | 43.3 | 23.3 | 66.6 | 66.4 | 465.8 |
| Finance, property and business services | 596.1 | 630.8 | 622.7 | 300.6 | 328.8 | 629.3 | 633.8 | 3,854.2 |
| Banking | 83.2 | 87.4 | 90.3 | 40.5 | 50.0 | 90.4 | 90.0 | 537.2 |
| Non-bank finance and investment | 87.0 | 95.7 | 105.5 | 48.6 | 59.0 | 107.6 | 108.5 | 734.3 |
| Insurance and services to insurance | 56.8 | 60.0 | 58.1 | 26.9 | 31.1 | 58.1 | 57.9 | 396.0 |
| Property and business services | 369.1 | 387.7 | 368.7 | 184.6 | 188.6 | 373.2 | 377.4 | 2,186.7 |
| Community services | 458.8 | 459.7 | 453.9 | 114.2 | 350.7 | 464.9 | 465.3 | 2,070.7 |
| Health | 229.9 | 224.8 | 224.5 | 37.0 | 188.6 | 225.6 | 227.4 | 1,046.0 |
| Education, museum and library services | 92.9 | 101.9 | 95.4 | 25.9 | 75.7 | 101.6 | 100.9 | 492.9 |
| Welfare and religious institutions | 76.2 | 79.4 | 80.6 | 24.8 | 56.8 | 81.6 | 80.8 | 246.7 |
| Other community services | 59.9 | 53.6 | 53.4 | 26.5 | 29.6 | 56.1 | 56.3 | 285.1 |
| Recreation, personal and other services(a) | 393.0 | 406.9 | 419.9 | 180.2 | 248.0 | 428.2 | 425.4 | 1,374.9 |
| Entertainment and recreational services | 75.1 | 84.3 | 88.7 | 49.6 | 40.5 | 90.1 | 88.1 | 323.8 |
| Restaurants, hotels, personal services | 317.9 | 322.5 | 331.3 | 130.7 | 207.5 | 338.2 | 337.3 | 1,051.1 |
| Total all Industries(b) | 4,039.8 | 4,198.9 | 4,202.0 | 2,381.4 | 1,874.4 | 4,255.8 | 4,260.6 | 22,043.4 |
| COMMONWEALTH GOVERNMENT | | | | | | | | |
| Manufacturing | 22.5 | 21.8 | 22.0 | 18.3 | 3.8 | 22.1 | 22.2 | 147.0 |
| Electricity, gas and water | 1.7 | 1.7 | 2.2 | 1.9 | 0.3 | 2.2 | 2.2 | 17.1 |
| Construction | 6.1 | 5.8 | 5.5 | 5.0 | 0.5 | 5.5 | 5.5 | 37.3 |
| Wholesale and retail trade | 1.3 | 1.1 | 1.4 | 0.7 | 0.7 | 1.4 | 1.4 | 9.3 |
| Transport and storage | 40.3 | 39.2 | 40.0 | 31.6 | 8.5 | 40.0 | 40.0 | 321.7 |
| Communication | 132.7 | 129.9 | 127.6 | 96.1 | 31.2 | 127.4 | 126.9 | 887.4 |
| Finance, property and business services | 47.9 | 47.8 | 47.0 | 20.7 | 26.4 | 47.0 | 46.8 | 251.7 |
| Public administration and defence(c)(e) | 113.4 | 115.8 | 114.2 | 61.5 | 52.5 | 114.0 | 116.9 | 807.6 |
| Community services | 55.2 | 56.9 | 54.6 | 28.1 | 27.7 | 55.8 | 54.9 | 394.3 |
| Recreation, personal and other services(a) | 12.0 | 11.5 | 12.0 | 7.3 | 4.6 | 11.9 | 12.2 | 96.1 |
| Total all Industries(d)(e) | 433.4 | 431.7 | 426.6 | 271.2 | 156.1 | 427.3 | 489.1 | 2,969.9 |

For footnotes see end of table.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| STATE GOVERNMENT | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 8.5 | 7.9 | 7.9 | 6.4 | 1.4 | 7.7 | 7.7 | 50.4 |
| Mining | 7.1 | 6.8 | 6.8 | 6.5 | 0.3 | 6.8 | 6.8 | 67.7 |
| Manufacturing | 24.5 | 21.1 | 20.5 | 18.6 | 1.8 | 20.4 | 20.8 | 122.6 |
| Electricity, gas and water | 98.7 | 96.4 | 97.5 | 86.6 | 10.4 | 97.0 | 96.8 | 729.6 |
| Construction | 37.8 | 36.5 | 35.9 | 31.6 | 4.3 | 35.9 | 35.7 | 253.0 |
| Wholesale and retail trade | 3.5 | 3.5 | 3.1 | 2.1 | 0.9 | 3.0 | 3.0 | 18.2 |
| Transport and storage | 102.7 | 99.7 | 98.4 | 89.8 | 7.9 | 97.7 | 97.4 | 699.9 |
| Finance, property and business services | 58.2 | 57.7 | 57.1 | 25.5 | 31.9 | 57.3 | 57.5 | 304.9 |
| Public administration and defence(c) | 74.2 | 75.1 | 74.7 | 45.2 | 29.4 | 74.7 | 73.7 | 512.9 |
| Community services | 728.5 | 734.4 | 723.4 | 294.7 | 447.9 | 742.6 | 742.8 | 4,597.0 |
| Recreation, personal and other services | 12.3 | 13.4 | 12.6 | 5.2 | 7.3 | 12.5 | 13.0 | 60.4 |
| Total all industries | 1,156.0 | 1,152.6 | 1,137.6 | 612.3 | 543.5 | 1,155.8 | 1,155.2 | 7,416.7 |
| LOCAL GOVERNMENT | | | | | | | | |
| Electricity, gas and water | 24.4 | 24.3 | 24.1 | 21.8 | 2.2 | 24.0 | 23.9 | 171.5 |
| Public administration and defence(c) | 128.7 | 127.1 | 126.5 | 85.6 | 41.4 | 127.0 | 126.7 | 688.7 |
| Other industries | 3.9 | 4.0 | 4.2 | 3.0 | 1.4 | 4.4 | 4.4 | 23.7 |
| Total all industries | 157.0 | 155.5 | 154.8 | 110.4 | 44.9 | 155.4 | 155.0 | 883.9 |

For footnotes see end of table.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | | Gross earnings |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|----------------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| TOTAL PUBLIC | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 8.7 | 8.1 | 8.0 | 6.5 | 1.4 | 7.9 | 7.8 | 51.3 |
| Mining | 7.2 | 6.8 | 6.9 | 6.6 | 0.3 | 6.9 | 6.9 | 68.2 |
| Manufacturing | 47.9 | 43.9 | 43.4 | 37.9 | 5.7 | 43.6 | 44.1 | 274.7 |
| Electricity, gas and water | 124.8 | 122.5 | 123.7 | 110.2 | 12.9 | 123.2 | 122.9 | 918.2 |
| Construction | 43.9 | 42.4 | 41.4 | 36.7 | 4.8 | 41.5 | 41.2 | 290.5 |
| Wholesale and retail trade | 4.9 | 4.7 | 4.5 | 2.8 | 1.6 | 4.4 | 4.5 | 27.8 |
| Transport and storage | 144.6 | 140.5 | 139.9 | 122.8 | 16.5 | 139.3 | 139.0 | 1,031.8 |
| Road transport | 20.4 | 21.4 | 21.2 | 19.1 | 2.0 | 21.1 | 21.1 | 145.9 |
| Other transport and storage | 124.2 | 119.1 | 118.7 | 103.7 | 14.5 | 118.2 | 117.8 | 885.9 |
| Communication | 132.7 | 129.9 | 127.6 | 96.1 | 31.2 | 127.4 | 126.9 | 887.4 |
| Finance, property and business services | 106.1 | 105.5 | 104.1 | 46.1 | 58.2 | 104.4 | 104.3 | 556.6 |
| Banking | 61.9 | 63.2 | 63.0 | 28.1 | 34.9 | 63.0 | 62.9 | 310.1 |
| Non-bank finance and investment | 2.6 | 2.1 | 2.0 | 1.2 | 0.9 | 2.1 | 2.1 | 15.5 |
| Insurance and services to insurance | 13.7 | 14.1 | 14.0 | 5.4 | 8.7 | 14.1 | 14.0 | 91.4 |
| Property and business services | 27.9 | 26.1 | 25.1 | 11.5 | 13.7 | 25.2 | 25.3 | 139.6 |
| Public administration and defence(c)(e) | 316.3 | 318.1 | 315.4 | 192.3 | 123.2 | 315.6 | 377.3 | 2,009.1 |
| Community services | 784.8 | 792.4 | 779.2 | 323.0 | 476.6 | 799.6 | 799.0 | 4,997.0 |
| Health | 284.7 | 290.0 | 286.9 | 78.4 | 210.2 | 288.6 | 288.9 | 1,769.5 |
| Education, museum and library services | 381.4 | 379.9 | 370.7 | 158.3 | 229.9 | 388.2 | 388.5 | 2,403.8 |
| Welfare and religious institutions | 18.1 | 18.7 | 19.5 | 5.9 | 13.9 | 19.9 | 19.6 | 98.7 |
| Other community services | 100.6 | 103.7 | 102.1 | 80.4 | 22.5 | 102.9 | 102.0 | 725.0 |
| Recreation, personal and other services | 24.5 | 25.1 | 24.9 | 12.7 | 12.0 | 24.7 | 25.4 | 157.9 |
| Total all industries(e) | 1,746.4 | 1,739.8 | 1,719.1 | 993.9 | 744.5 | 1,738.4 | 1,799.3 | 11,270.5 |
| PRIVATE AND PUBLIC | | | | | | | | |
| Mining | 84.8 | 84.6 | 83.6 | 75.8 | 7.7 | 83.5 | 82.9 | 782.5 |
| Coal | 32.1 | 30.4 | 30.3 | 29.3 | 0.9 | 30.1 | 30.1 | 323.3 |
| Other mining | 52.7 | 54.2 | 53.3 | 46.6 | 6.8 | 53.4 | 52.8 | 459.2 |
| Manufacturing | 1,055.7 | 1,047.8 | 1,030.4 | 750.2 | 284.5 | 1,034.7 | 1,034.9 | 6,357.6 |
| Food, beverages and tobacco | 176.4 | 171.4 | 162.0 | 114.8 | 49.1 | 163.9 | 165.2 | 957.4 |
| Textiles | 31.7 | 34.7 | 34.7 | 20.4 | 14.6 | 35.0 | 34.7 | 197.2 |
| Clothing | 63.4 | 57.3 | 57.8 | 11.3 | 46.9 | 58.2 | 58.5 | 258.1 |
| Footwear | 12.7 | 12.3 | 13.1 | 5.5 | 7.6 | 13.1 | 13.3 | 61.4 |
| Wood and wood products | 44.4 | 49.5 | 44.2 | 38.5 | 5.7 | 44.2 | 43.7 | 241.2 |
| Furniture and mattresses | 34.2 | 33.0 | 31.3 | 24.0 | 7.0 | 31.0 | 31.6 | 155.0 |
| Paper and paper products | 23.9 | 24.6 | 23.5 | 18.7 | 4.9 | 23.6 | 23.6 | 170.5 |
| Printing and allied industries | 92.8 | 90.0 | 87.9 | 56.0 | 32.8 | 88.9 | 89.2 | 563.1 |
| Chemicals | 53.6 | 51.5 | 54.1 | 37.4 | 17.4 | 54.7 | 54.9 | 390.5 |
| Petroleum and coal products | 5.4 | 4.2 | 4.1 | 3.9 | 0.3 | 4.1 | 4.1 | 41.7 |
| Non-metallic mineral products | 43.4 | 42.9 | 40.9 | 35.8 | 5.3 | 41.1 | 41.3 | 295.1 |
| Basic iron and steel | 46.5 | 46.4 | 44.0 | 40.3 | 3.6 | 43.8 | 43.7 | 348.5 |
| Other basic metal products | 28.7 | 28.4 | 28.0 | 25.6 | 2.4 | 28.0 | 27.9 | 215.8 |
| Fabricated metal products | 95.6 | 102.6 | 100.1 | 79.9 | 19.6 | 99.5 | 99.2 | 567.7 |
| Motor vehicles and parts | 66.7 | 66.0 | 66.0 | 53.3 | 12.9 | 66.3 | 66.5 | 403.0 |
| Other transport equipment | 45.2 | 40.5 | 40.4 | 37.7 | 2.8 | 40.5 | 40.3 | 258.1 |
| Other machinery and equipment | 129.0 | 127.2 | 132.0 | 101.0 | 31.1 | 132.0 | 131.3 | 839.4 |
| Miscellaneous manufacturing | 62.2 | 65.4 | 66.4 | 46.3 | 20.6 | 66.9 | 66.0 | 394.1 |

For footnotes see end of table

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|----------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE AND PUBLIC -continued | | | | | | | | |
| Electricity, gas and water | 130.4 | 128.2 | 128.0 | 113.8 | 13.7 | 127.4 | 127.2 | 949.7 |
| Electricity and gas | 87.8 | 87.5 | 87.7 | 77.7 | 9.7 | 87.4 | 87.2 | 673.5 |
| Water, sewerage and drainage | 41.9 | 40.7 | 40.2 | 36.1 | 3.9 | 40.0 | 40.0 | 276.2 |
| Construction | 259.5 | 287.3 | 281.3 | 247.1 | 40.8 | 287.9 | 288.7 | 1,836.9 |
| Wholesale and retail trade | 1,145.0 | 1,226.1 | 1,251.4 | 680.6 | 585.7 | 1,266.3 | 1,268.5 | 5,467.4 |
| Wholesale trade | 395.7 | 395.6 | 407.6 | 284.4 | 130.6 | 415.0 | 414.7 | 2,521.6 |
| Retail trade | 749.3 | 830.6 | 843.8 | 396.2 | 455.2 | 851.4 | 853.9 | 2,945.8 |
| Motor vehicles, petrol, tyres | 171.7 | 192.6 | 197.6 | 158.9 | 40.2 | 199.1 | 198.1 | 933.1 |
| Other retail trade | 577.6 | 637.9 | 646.2 | 237.3 | 415.0 | 652.3 | 655.8 | 2,012.7 |
| Transport and storage | 289.0 | 287.5 | 290.1 | 235.6 | 56.1 | 291.7 | 291.9 | 1,958.3 |
| Road transport | 102.3 | 105.3 | 105.1 | 88.6 | 18.4 | 107.0 | 107.6 | 606.6 |
| Rail transport | 81.9 | 78.5 | 78.1 | 72.1 | 5.4 | 77.5 | 77.2 | 551.2 |
| Water transport | 8.6 | 7.9 | *8.4 | 6.0 | *2.5 | *8.5 | *8.8 | 63.6 |
| Air transport | 30.6 | 32.8 | 32.8 | 21.8 | 11.3 | 33.1 | 33.4 | 277.8 |
| Other transport and storage | 65.7 | 63.1 | 65.7 | 47.1 | 18.5 | 65.6 | 64.9 | 459.1 |
| Communication | 133.3 | 130.5 | 128.2 | 96.5 | 31.5 | 128.0 | 127.5 | 889.9 |
| Finance, property and business services | 702.3 | 736.3 | 726.8 | 346.7 | 387.0 | 733.7 | 738.1 | 4,410.8 |
| Banking | 145.1 | 150.6 | 153.3 | 68.5 | 84.9 | 153.5 | 153.0 | 847.3 |
| Non-bank finance | 44.5 | 44.4 | 43.1 | 17.1 | 26.3 | 43.5 | 43.6 | 281.5 |
| Investment; services to finance and investment | 45.1 | 53.4 | 64.5 | 32.6 | 33.6 | 66.2 | 67.0 | 468.3 |
| Insurance and services to insurance | 70.5 | 74.1 | 72.1 | 32.4 | 39.8 | 72.2 | 71.9 | 487.4 |
| Property and business services | 397.0 | 413.8 | 393.8 | 196.1 | 202.3 | 398.4 | 402.7 | 2,326.3 |
| Public admin. and defence(c)(e) | 316.3 | 318.1 | 315.4 | 192.3 | 123.2 | 315.6 | 377.3 | 2,009.1 |
| Commonwealth government admin (e) | 90.7 | 91.3 | 90.6 | 46.0 | 44.1 | 90.1 | 153.0 | 655.0 |
| State government admin | 67.8 | 68.2 | 68.2 | 41.6 | 26.7 | 68.3 | 67.2 | 469.6 |
| Local government admin | 128.7 | 127.3 | 126.6 | 85.7 | 41.4 | 127.0 | 126.7 | 688.9 |
| Other public admin. and defence(c) | 29.1 | 31.4 | 30.0 | 19.1 | 11.1 | 30.3 | 30.3 | 195.6 |
| Community services | 1,243.7 | 1,252.1 | 1,233.1 | 437.2 | 827.3 | 1,264.5 | 1,264.3 | 7,067.7 |
| Health | 514.5 | 514.8 | 511.3 | 115.4 | 398.8 | 514.2 | 516.3 | 2,815.5 |
| Education, museum and library services | 474.4 | 481.8 | 466.1 | 184.2 | 305.7 | 489.8 | 489.5 | 2,896.7 |
| Welfare and religious institutions | 94.3 | 98.1 | 100.1 | 30.7 | 70.8 | 101.5 | 100.3 | 345.4 |
| Other community services | 160.5 | 157.3 | 155.5 | 106.9 | 52.1 | 159.0 | 158.2 | 1,010.1 |
| Recreation, personal and other services(a) | 417.5 | 432.0 | 444.8 | 193.0 | 260.0 | 453.0 | 450.8 | 1,532.8 |
| Entertainment and recreational services | 95.6 | 105.2 | 109.5 | 60.7 | 50.0 | 110.7 | 109.4 | 462.4 |
| Restaurants, hotels, personal services | 321.9 | 326.8 | 335.3 | 132.3 | 210.0 | 342.3 | 341.5 | 1,070.4 |
| Total all industries(d)(e) | 5,786.2 | 5,938.7 | 5,921.1 | 3,375.4 | 2,618.9 | 5,994.3 | 6,059.9 | 33,313.9 |

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting (e) For September 1988 includes temporary Australian Electoral Commission employees.

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE | | | | | | | | |
| Mining | 22.3 | 21.2 | 21.5 | 20.7 | 1.0 | 21.6 | 21.1 | 214.4 |
| Manufacturing | 353.3 | 358.5 | 348.2 | 251.4 | 97.4 | 348.8 | 348.8 | 2,294.3 |
| Electricity, gas and water; construction | 77.7 | 88.1 | 83.5 | 71.5 | 13.6 | 85.1 | 84.6 | 553.5 |
| Wholesale and retail trade | 400.8 | 445.3 | 432.9 | 235.4 | 203.0 | 438.5 | 440.1 | 1,972.8 |
| Transport and storage | 49.9 | 52.6 | 53.9 | 39.5 | 15.4 | 54.9 | 54.4 | 342.5 |
| Finance, property and business services | 227.1 | 253.6 | 248.8 | 119.6 | 133.0 | 252.6 | 252.9 | 1,620.8 |
| Banking | 30.5 | 33.0 | 34.3 | 15.2 | 19.1 | 34.2 | 34.4 | 227.9 |
| Non-bank finance, investment and insurance | 56.0 | 66.2 | 69.1 | 32.7 | 38.0 | 70.8 | 71.0 | 519.0 |
| Property and business services | 140.6 | 154.4 | 145.3 | 71.7 | 75.9 | 147.6 | 147.5 | 873.9 |
| Community services | 156.7 | 158.6 | 153.9 | 36.5 | 120.3 | 156.8 | 157.9 | 750.5 |
| Health | 83.3 | 80.2 | 78.2 | 13.5 | 65.2 | 78.7 | 79.7 | 396.9 |
| Education, museum and library services | 32.5 | 37.6 | 33.9 | 7.2 | 28.5 | 35.7 | 36.2 | 173.2 |
| Welfare and other community services | 40.9 | 40.8 | 41.7 | 15.8 | 26.5 | 42.4 | 42.0 | 180.4 |
| Recreation, personal and other services(a) | 144.5 | 157.3 | 157.7 | 69.4 | 90.0 | 159.4 | 158.9 | 542.0 |
| Total all Industries(b) | 1,432.7 | 1,535.4 | 1,500.5 | 844.2 | 673.7 | 1,517.9 | 1,518.9 | 8,291.8 |
| PUBLIC | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 3.1 | 3.4 | 3.2 | 2.5 | 0.7 | 3.2 | 3.1 | 21.3 |
| Mining | 3.8 | 3.5 | 3.5 | 3.5 | 0.1 | 3.5 | 3.5 | 41.7 |
| Manufacturing | 18.4 | 17.4 | 17.4 | 15.9 | 1.6 | 17.5 | 17.5 | 114.2 |
| Electricity, gas and water; construction | 59.2 | 57.6 | 56.9 | 50.8 | 6.1 | 56.9 | 56.8 | 433.8 |
| Wholesale and retail trade | 0.9 | 0.8 | 0.7 | 0.4 | 0.3 | 0.7 | 0.7 | 5.1 |
| Transport and storage | 56.5 | 55.4 | 55.1 | 47.2 | 7.7 | 54.9 | 54.7 | 419.4 |
| Communication | 47.5 | 46.1 | 45.2 | 33.6 | 11.6 | 45.2 | 45.2 | 308.0 |
| Finance, property and business services | 46.1 | 45.7 | 45.4 | 17.8 | 27.7 | 45.5 | 45.4 | 227.7 |
| Banking | 25.5 | 25.8 | 25.5 | 11.2 | 14.2 | 25.4 | 25.4 | 124.9 |
| Non-bank finance, investment and insurance | 5.3 | 5.1 | 5.1 | 1.9 | 3.2 | 5.1 | 5.1 | 36.4 |
| Property and business services | 15.2 | 14.8 | 14.8 | 4.6 | 10.2 | 14.9 | 14.9 | 66.4 |
| Public administration and defence(c)(e) | 94.1 | 91.6 | 89.0 | 56.3 | 31.8 | 88.0 | 112.4 | 563.9 |
| Community services | 237.6 | 242.7 | 236.1 | 100.7 | 145.4 | 246.1 | 246.9 | 1,559.1 |
| Health | 82.6 | 87.3 | 88.1 | 23.9 | 64.2 | 88.1 | 88.1 | 573.0 |
| Education, museum and library services | 113.7 | 112.6 | 104.4 | 48.7 | 65.7 | 114.4 | 115.3 | 715.4 |
| Welfare and other community services | 41.2 | 42.8 | 43.6 | 28.2 | 15.5 | 43.7 | 43.5 | 270.8 |
| Recreation, personal and other services | 9.3 | 9.5 | 10.6 | 5.5 | 4.7 | 10.3 | 10.7 | 74.6 |
| Total all Industries(e) | 576.3 | 573.6 | 563.1 | 334.2 | 237.5 | 571.7 | 596.9 | 3,768.9 |

For footnotes see end of table

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY - Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|----------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE AND PUBLIC | | | | | | | | |
| Mining | 26.1 | 24.7 | 25.1 | 24.2 | 1.0 | 25.2 | 24.7 | 256.1 |
| Manufacturing | 371.7 | 375.9 | 365.5 | 267.3 | 99.0 | 366.3 | 366.2 | 2,408.5 |
| Food, beverages and tobacco | 53.7 | 53.8 | 53.5 | 37.2 | 17.1 | 54.3 | 54.8 | 333.1 |
| Textiles; clothing and footwear | 32.3 | 27.9 | 27.7 | 10.4 | 17.4 | 27.8 | 27.9 | 143.4 |
| Wood and wood products | 14.2 | 17.1 | 13.6 | 12.0 | 1.5 | 13.6 | 13.3 | 77.0 |
| Furniture and mattresses | 11.9 | 11.9 | 8.6 | 6.2 | 2.1 | 8.3 | 8.5 | 45.3 |
| Paper, paper products, printing and publishing | 37.8 | 39.0 | 38.7 | 26.0 | 13.1 | 39.1 | 39.3 | 294.1 |
| Chemical, petroleum and coal products | 25.7 | 26.5 | 27.0 | 18.1 | 9.1 | 27.3 | 27.6 | 207.6 |
| Non-metallic mineral products | 14.7 | 15.6 | 14.1 | 11.9 | 2.3 | 14.2 | 14.1 | 104.4 |
| Basic metal products | 37.6 | 37.4 | 35.7 | 32.7 | 2.7 | 35.5 | 35.3 | 288.1 |
| Fabricated metal products | 35.2 | 36.3 | 35.0 | 27.2 | 7.5 | 34.8 | 34.6 | 200.4 |
| Motor vehicles and parts | 9.5 | 8.8 | 8.2 | 6.6 | 1.6 | 8.2 | 8.2 | 49.3 |
| Other transport equipment | 17.9 | 18.0 | 17.8 | 16.5 | 1.2 | 17.7 | 17.8 | 112.7 |
| Other machinery and equipment | 55.1 | 58.1 | 61.8 | 46.2 | 15.2 | 61.4 | 61.0 | 405.8 |
| Miscellaneous manufacturing | 26.0 | 25.5 | 24.0 | 16.2 | 8.0 | 24.2 | 23.8 | 147.2 |
| Electricity, gas and water | 46.5 | 46.0 | 45.4 | 40.2 | 4.9 | 45.1 | 45.1 | 348.2 |
| Construction | 90.4 | 99.7 | 95.1 | 82.1 | 14.8 | 96.9 | 96.3 | 639.0 |
| Wholesale and retail trade | 401.7 | 446.1 | 433.6 | 235.9 | 203.3 | 439.2 | 440.8 | 1,977.9 |
| Wholesale trade | 149.4 | 145.6 | 143.0 | 97.1 | 47.4 | 144.5 | 144.8 | 925.0 |
| Retail trade | 252.3 | 300.5 | 290.6 | 138.8 | 155.9 | 294.7 | 296.1 | 1,052.9 |
| Motor vehicles, petrol, tyres | 62.3 | 69.6 | 67.8 | 54.3 | 13.9 | 68.3 | 67.8 | 321.9 |
| Other retail trade | 190.0 | 230.9 | 222.8 | 84.5 | 142.0 | 226.4 | 228.3 | 731.0 |
| Transport and storage | 106.3 | 108.0 | 109.0 | 86.7 | 23.1 | 109.8 | 109.1 | 761.8 |
| Road transport | 34.1 | 37.2 | 36.7 | 30.8 | 6.8 | 37.6 | 37.6 | 222.3 |
| Other transport and storage | 72.3 | 70.8 | 72.3 | 55.9 | 16.3 | 72.2 | 71.4 | 539.5 |
| Communication | 47.9 | 46.3 | 45.4 | 33.7 | 11.7 | 45.4 | 45.4 | 309.1 |
| Finance, property and business services | 273.2 | 299.3 | 294.2 | 137.4 | 160.7 | 298.1 | 298.3 | 1,848.5 |
| Banking | 56.0 | 58.8 | 59.8 | 26.4 | 33.3 | 59.7 | 59.7 | 352.7 |
| Non-bank finance and investment | 37.4 | 42.4 | 46.8 | 22.4 | 26.2 | 48.6 | 49.1 | 356.8 |
| Insurance and services to insurance | 23.9 | 29.0 | 27.4 | 12.3 | 15.0 | 27.3 | 27.0 | 198.7 |
| Property and business services | 155.8 | 169.1 | 160.1 | 76.4 | 86.1 | 162.5 | 162.4 | 940.3 |
| Public admin. and defence(c)(e) | 94.1 | 91.6 | 89.0 | 56.3 | 31.8 | 88.0 | 112.4 | 563.9 |
| Commonwealth government admin (e) | 19.3 | 19.0 | 19.1 | 8.4 | 10.0 | 18.4 | 43.3 | 121.1 |
| State government admin. | 23.5 | 22.2 | 19.6 | 11.2 | 8.3 | 19.5 | 19.3 | 140.6 |
| Local government admin. | 43.0 | 41.7 | 41.7 | 30.7 | 10.8 | 41.5 | 41.2 | 252.2 |
| Other public admin. and defence(c) | 8.2 | 8.8 | 8.5 | 6.0 | 2.6 | 8.6 | 8.5 | 50.1 |
| Community services | 394.3 | 401.3 | 389.9 | 137.2 | 265.7 | 402.9 | 404.9 | 2,309.7 |
| Health | 165.9 | 167.6 | 166.3 | 37.4 | 129.4 | 166.8 | 167.8 | 969.9 |
| Education, museum and library services | 146.2 | 150.2 | 138.3 | 55.9 | 94.2 | 150.0 | 151.6 | 888.6 |
| Welfare and other community services | 82.1 | 83.6 | 85.3 | 44.0 | 42.1 | 86.1 | 85.5 | 451.3 |
| Recreation, personal and other services(a) | 153.8 | 166.8 | 168.3 | 75.0 | 94.7 | 169.7 | 169.6 | 616.6 |
| Entertainment and recreational services | 33.2 | 41.5 | 41.5 | 21.8 | 19.9 | 41.7 | 41.2 | 206.6 |
| Restaurants, hotels; personal services | 120.6 | 125.3 | 126.9 | 53.1 | 74.8 | 127.9 | 128.4 | 410.0 |
| Total all industries(d)(e) | 2,009.0 | 2,109.1 | 2,063.6 | 1,178.4 | 911.2 | 2,089.7 | 2,115.8 | 12,060.7 |

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting (e) For September 1988 includes temporary Australian Electoral Commission employees

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE | | | | | | | | |
| Mining | 5.2 | 5.1 | 5.5 | 4.5 | 0.9 | 5.4 | 5.4 | 46.3 |
| Manufacturing | 345.8 | 336.2 | 335.2 | 228.4 | 109.0 | 337.4 | 337.3 | 2,038.4 |
| Electricity, gas and water; construction | 57.6 | 62.9 | 64.1 | 54.2 | 11.0 | 65.2 | 66.7 | 398.0 |
| Wholesale and retail trade | 312.1 | 334.8 | 346.7 | 196.1 | 157.9 | 353.9 | 355.0 | 1,645.0 |
| Transport and storage | 38.6 | 41.8 | 43.6 | 33.0 | 10.8 | 43.9 | 44.3 | 258.3 |
| Finance, property and business services | 186.4 | 182.5 | 182.8 | 92.8 | 91.2 | 184.0 | 184.5 | 1,166.9 |
| Banking | 25.0 | 25.7 | 26.7 | 12.8 | 14.1 | 26.9 | 26.4 | 163.8 |
| Non-bank finance, investment and insurance | 45.0 | 44.4 | 50.4 | 23.8 | 27.0 | 50.9 | 51.1 | 335.4 |
| Property and business services | 116.4 | 112.4 | 105.8 | 56.1 | 50.2 | 106.3 | 107.0 | 667.7 |
| Community services | 126.9 | 127.1 | 125.9 | 31.3 | 97.5 | 128.8 | 127.6 | 564.1 |
| Health | 56.1 | 56.1 | 56.0 | 9.0 | 46.6 | 55.6 | 55.9 | 250.9 |
| Education, museum and library services | 30.5 | 32.3 | 30.4 | 8.8 | 24.6 | 33.4 | 32.7 | 157.8 |
| Welfare and other community services | 40.3 | 38.7 | 39.6 | 13.5 | 26.3 | 39.8 | 39.0 | 155.4 |
| Recreation, personal and other services(a) | 93.8 | 100.7 | 103.2 | 46.6 | 60.0 | 106.6 | 105.9 | 312.2 |
| Total all industries(b) | 1,166.5 | 1,191.3 | 1,207.3 | 687.0 | 538.5 | 1,225.4 | 1,226.8 | 6,429.9 |
| PUBLIC | | | | | | | | |
| Agriculture, forestry, fishing and hunting | - | - | - | - | - | - | - | 0.3 |
| Mining | 2.2 | 2.2 | 2.2 | 2.1 | - | 2.2 | 2.2 | 16.6 |
| Manufacturing | 14.7 | 12.3 | 12.6 | 10.2 | 2.5 | 12.6 | 12.7 | 80.2 |
| Electricity, gas and water; construction | 45.9 | 45.5 | 45.5 | 40.5 | 5.0 | 45.5 | 45.2 | 338.4 |
| Wholesale and retail trade | 1.3 | 1.4 | 1.1 | 0.6 | 0.5 | 1.1 | 1.1 | 8.3 |
| Transport and storage | 32.4 | 30.8 | 31.3 | 27.2 | 3.9 | 31.1 | 31.1 | 246.6 |
| Communication | 35.9 | 36.0 | 35.8 | 26.7 | 9.3 | 36.0 | 36.0 | 256.0 |
| Finance, property and business services | 22.9 | 22.0 | 21.8 | 9.5 | 12.3 | 21.8 | 21.8 | 110.2 |
| Banking | 16.9 | 17.7 | 17.7 | 7.8 | 9.8 | 17.6 | 17.6 | 83.5 |
| Non-bank finance, investment and insurance | 3.0 | 3.1 | 3.1 | 1.1 | 2.0 | 3.1 | 3.1 | 19.1 |
| Property and business services | 2.9 | 1.3 | 1.1 | 0.6 | 0.4 | 1.1 | 1.0 | 7.7 |
| Public administration and defence(c)(e) | 83.0 | 85.1 | 83.2 | 46.4 | 37.6 | 84.0 | 101.1 | 475.1 |
| Community services | 213.2 | 214.4 | 217.0 | 87.2 | 133.1 | 220.2 | 218.5 | 1,376.7 |
| Health | 85.4 | 86.0 | 84.7 | 22.4 | 63.0 | 85.4 | 85.3 | 505.2 |
| Education, museum and library services | 101.5 | 101.0 | 104.9 | 44.8 | 62.4 | 107.2 | 105.6 | 671.4 |
| Welfare and other community services | 26.3 | 27.4 | 27.4 | 20.0 | 7.7 | 27.7 | 27.6 | 200.1 |
| Recreation, personal and other services | 5.3 | 5.3 | 5.1 | 2.4 | 2.7 | 5.1 | 5.1 | 29.4 |
| Total all industries(e) | 456.8 | 455.0 | 455.6 | 252.8 | 206.8 | 459.6 | 474.8 | 2,937.6 |

For footnotes see end of table.

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE AND PUBLIC | | | | | | | | |
| Mining | 7.4 | 7.2 | 7.7 | 6.6 | 1.0 | 7.6 | 7.5 | 62.9 |
| Manufacturing | 360.5 | 348.5 | 347.8 | 238.6 | 111.4 | 350.0 | 350.0 | 2,118.6 |
| Food, beverages and tobacco | 48.5 | 47.9 | 46.3 | 32.3 | 14.6 | 46.9 | 47.0 | 279.8 |
| Textiles, clothing and footwear | 58.7 | 57.1 | 58.3 | 19.7 | 39.1 | 58.8 | 58.8 | 283.8 |
| Wood and wood products | 10.1 | 10.3 | 10.6 | 9.0 | 1.3 | 10.3 | 10.1 | 61.8 |
| Furniture and mattresses | 10.1 | 7.4 | 9.8 | 7.5 | 2.5 | 10.0 | 9.9 | 53.1 |
| Paper, paper products, printing and publishing | 41.4 | 37.8 | 35.8 | 24.4 | 11.8 | 36.2 | 36.1 | 224.1 |
| Chemical, petroleum and coal products | 20.5 | 18.2 | 20.0 | 14.2 | 6.3 | 20.5 | 20.3 | 148.9 |
| Non-metallic mineral products | 13.3 | 11.3 | 11.3 | 9.8 | 1.6 | 11.4 | 11.5 | 87.3 |
| Basic metal products | 12.7 | 12.7 | 12.6 | 11.3 | 1.4 | 12.7 | 12.8 | 97.4 |
| Fabricated metal products | 29.3 | 35.2 | 31.5 | 24.3 | 6.9 | 31.2 | 31.3 | 180.3 |
| Motor vehicles and parts | 39.2 | 39.9 | 39.3 | 30.8 | 8.7 | 39.5 | 39.5 | 243.7 |
| Other transport equipment | 13.5 | 9.9 | 9.6 | 8.8 | 0.8 | 9.7 | 9.7 | 67.1 |
| Other machinery and equipment | 41.0 | 38.4 | 38.0 | 28.8 | 9.3 | 38.0 | 38.1 | 241.6 |
| Miscellaneous manufacturing | 22.2 | 22.4 | 24.7 | 17.7 | 7.3 | 25.0 | 24.8 | 149.6 |
| Electricity, gas and water | 38.9 | 38.7 | 38.8 | 34.5 | 4.2 | 38.7 | 38.6 | 290.6 |
| Construction | 64.6 | 69.7 | 70.9 | 60.1 | 11.8 | 71.9 | 73.3 | 445.8 |
| Wholesale and retail trade | 313.4 | 336.2 | 347.8 | 196.7 | 158.3 | 355.0 | 356.1 | 1,653.3 |
| Wholesale trade | 117.0 | 116.6 | 125.6 | 87.0 | 43.3 | 130.3 | 130.5 | 834.3 |
| Retail trade | 196.5 | 219.6 | 222.2 | 109.7 | 115.0 | 224.7 | 225.6 | 819.0 |
| Motor vehicles, petrol, tyres | 40.4 | 50.5 | 52.8 | 43.8 | 9.9 | 53.8 | 53.6 | 254.1 |
| Other retail trade | 156.1 | 169.1 | 169.4 | 65.9 | 105.1 | 171.0 | 171.9 | 564.9 |
| Transport and storage | 71.1 | 72.6 | 74.8 | 60.2 | 14.7 | 75.0 | 75.3 | 504.9 |
| Road transport | 27.8 | 30.3 | 30.9 | 26.0 | 5.4 | 31.3 | 31.4 | 168.5 |
| Other transport and storage | 43.3 | 42.3 | 43.9 | 34.3 | 9.4 | 43.7 | 43.9 | 336.3 |
| Communication | 36.0 | 36.2 | 36.0 | 26.7 | 9.4 | 36.2 | 36.2 | 256.8 |
| Finance, property and business services | 209.2 | 204.6 | 204.7 | 102.3 | 103.5 | 205.8 | 206.3 | 1,277.1 |
| Banking | 41.9 | 43.4 | 44.4 | 20.6 | 23.9 | 44.5 | 44.1 | 247.2 |
| Non bank finance and investment | 22.7 | 28.6 | 33.3 | 15.3 | 18.3 | 33.6 | 33.8 | 221.4 |
| Insurance and services to insurance | 25.2 | 18.9 | 20.2 | 9.6 | 10.7 | 20.4 | 20.4 | 133.1 |
| Property and business services | 119.4 | 113.6 | 106.8 | 56.7 | 50.6 | 107.3 | 108.1 | 675.3 |
| Public admin. and defence(c)(e) | 83.0 | 85.1 | 83.2 | 46.4 | 37.6 | 84.0 | 101.1 | 475.1 |
| Commonwealth government admin.(e) | 14.7 | 15.0 | 14.1 | 6.8 | 7.0 | 13.8 | 30.8 | 92.0 |
| State government admin. | 18.0 | 19.3 | 19.6 | 12.2 | 7.4 | 19.7 | 19.7 | 130.6 |
| Local government admin. | 41.6 | 41.7 | 41.1 | 21.9 | 20.0 | 41.9 | 41.8 | 198.4 |
| Other public admin. and defence(c) | 8.6 | 9.1 | 8.4 | 5.4 | 3.2 | 8.7 | 8.7 | 54.1 |
| Community services | 340.1 | 341.5 | 343.0 | 118.5 | 230.6 | 349.1 | 346.1 | 1,940.7 |
| Health | 141.5 | 142.1 | 140.7 | 31.4 | 109.6 | 141.0 | 141.2 | 756.1 |
| Education, museum and library services | 132.0 | 133.3 | 135.3 | 53.6 | 87.0 | 140.6 | 138.3 | 829.1 |
| Welfare and other community services | 66.6 | 66.1 | 67.0 | 33.5 | 34.0 | 67.5 | 66.6 | 355.5 |
| Recreation, personal and other services(a) | 99.1 | 106.0 | 108.3 | 49.1 | 62.7 | 111.7 | 111.0 | 341.7 |
| Entertainment and recreational services | 27.4 | 27.8 | 29.4 | 18.4 | 11.6 | 30.0 | 30.0 | 109.0 |
| Restaurants, hotels; personal services | 71.7 | 78.2 | 78.9 | 30.7 | 51.1 | 81.7 | 81.0 | 232.6 |
| Total all industries(d)(e) | 1,623.3 | 1,646.3 | 1,662.9 | 939.8 | 745.2 | 1,685.0 | 1,701.6 | 9,367.6 |

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e) For September 1988 includes temporary Australian Electoral Commission employees.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE | | | | | | | | |
| Mining | 17.2 | 17.7 | 17.6 | 16.0 | 1.5 | 17.5 | 17.5 | 170.0 |
| Manufacturing | 118.0 | 117.0 | 114.1 | 89.2 | 26.1 | 115.3 | 115.1 | 643.5 |
| Electricity, gas and water; construction | 38.2 | 44.0 | 44.3 | 40.4 | 5.0 | 45.4 | 46.8 | 271.2 |
| Wholesale and retail trade | 176.7 | 182.6 | 205.3 | 110.4 | 96.0 | 206.4 | 205.2 | 796.6 |
| Transport and storage | 21.9 | 20.8 | 21.2 | 15.6 | 6.3 | 21.9 | 22.1 | 128.4 |
| Finance, property and business services | 64.5 | 74.3 | 79.3 | 37.5 | 42.7 | 80.2 | 83.8 | 431.0 |
| Banking | 12.6 | 13.1 | 13.1 | 5.6 | 7.6 | 13.2 | 13.1 | 65.1 |
| Non-bank finance, investment and insurance | 15.6 | 17.3 | 15.5 | 6.9 | 8.5 | 15.4 | 15.6 | 101.1 |
| Property and business services | 36.3 | 43.8 | 50.6 | 25.0 | 26.6 | 51.6 | 55.0 | 264.8 |
| Community services | 65.7 | 69.7 | 66.3 | 18.9 | 50.8 | 69.7 | 70.3 | 287.6 |
| Health | 35.0 | 32.5 | 32.3 | 5.2 | 27.6 | 32.7 | 33.4 | 143.6 |
| Education, museum and library services | 14.0 | 15.6 | 14.7 | 4.3 | 11.1 | 15.4 | 15.0 | 73.4 |
| Welfare and other community services | 16.7 | 21.6 | 19.3 | 9.4 | 12.2 | 21.6 | 21.9 | 70.6 |
| Recreation, personal and other services(a) | 61.7 | 62.5 | 73.7 | 30.6 | 44.9 | 75.5 | 75.9 | 246.0 |
| Total all industries(b) | 564.0 | 588.7 | 621.9 | 358.8 | 273.3 | 632.0 | 636.9 | 2,974.7 |
| PUBLIC | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 2.3 | 1.7 | 1.6 | 1.5 | 0.2 | 1.7 | 1.6 | 9.0 |
| Manufacturing | 6.1 | 6.0 | 5.4 | 4.8 | 0.4 | 5.3 | 5.8 | 31.7 |
| Electricity, gas and water; construction | 23.1 | 22.1 | 22.1 | 19.2 | 2.6 | 21.8 | 21.9 | 151.9 |
| Wholesale and retail trade | 2.0 | 1.7 | 1.7 | 1.3 | 0.4 | 1.7 | 1.7 | 9.2 |
| Transport and storage | 28.7 | 27.8 | 27.4 | 24.9 | 2.4 | 27.3 | 27.2 | 183.1 |
| Communication | 22.0 | 21.2 | 20.7 | 16.3 | 4.6 | 20.9 | 20.6 | 141.0 |
| Finance, property and business services | 12.4 | 12.0 | 12.0 | 6.0 | 6.0 | 12.0 | 12.0 | 66.0 |
| Banking | 6.1 | 6.1 | 6.1 | 2.7 | 3.4 | 6.1 | 6.1 | 29.2 |
| Non-bank finance, investment and insurance | 3.3 | 3.2 | 3.2 | 1.4 | 1.8 | 3.2 | 3.2 | 19.8 |
| Property and business services | 2.9 | 2.7 | 2.8 | 2.0 | 0.8 | 2.7 | 2.7 | 17.0 |
| Public administration and defence(c)(e) | 43.2 | 44.4 | 44.6 | 30.6 | 14.6 | 45.2 | 52.1 | 266.1 |
| Community services | 113.4 | 113.9 | 112.1 | 47.9 | 65.9 | 113.8 | 113.0 | 695.4 |
| Health | 37.2 | 37.3 | 35.8 | 11.2 | 24.7 | 35.9 | 36.1 | 213.2 |
| Education, museum and library services | 58.1 | 58.2 | 57.3 | 22.1 | 36.4 | 58.5 | 57.9 | 363.6 |
| Welfare and other community services | 18.0 | 18.4 | 19.1 | 14.7 | 4.8 | 19.5 | 19.0 | 118.6 |
| Recreation, personal and other services | 2.2 | 2.7 | 2.1 | 0.9 | 1.2 | 2.1 | 2.1 | 11.4 |
| Total all industries(e) | 255.4 | 253.5 | 249.8 | 153.4 | 98.4 | 251.9 | 258.0 | 1,564.8 |

For footnotes see end of table.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE AND PUBLIC | | | | | | | | |
| Mining | 17.2 | 17.7 | 17.6 | 16.0 | 1.5 | 17.5 | 17.5 | 170.0 |
| Coal | 9.7 | 9.1 | 9.5 | 8.9 | 0.4 | 9.3 | 9.3 | 99.2 |
| Other mining | 7.5 | 8.5 | 8.1 | 7.1 | 1.1 | 8.2 | 8.2 | 70.8 |
| Manufacturing | 124.2 | 123.0 | 119.4 | 94.1 | 26.5 | 120.6 | 120.9 | 675.2 |
| Food, beverages and tobacco | 36.4 | 34.8 | 28.1 | 22.3 | 6.1 | 28.4 | 28.9 | 165.2 |
| Textiles; clothing and footwear | 4.7 | *7.2 | 6.5 | 1.7 | 4.9 | 6.6 | 6.6 | 29.1 |
| Wood and wood products | 6.3 | 6.3 | 5.9 | 5.4 | *.8 | 6.2 | 6.1 | 27.6 |
| Furniture and mattresses | 4.2 | 5.5 | 4.8 | 4.2 | 0.6 | 4.8 | 5.0 | 23.5 |
| Paper, paper products, printing and publishing | 12.5 | 12.7 | 14.0 | 9.0 | 5.1 | 14.1 | 14.2 | 77.0 |
| Chemical, petroleum and coal products | 5.7 | 3.7 | 4.2 | 3.1 | 1.1 | 4.2 | 4.2 | 26.4 |
| Non-metallic mineral products | 6.8 | 6.5 | 6.8 | 6.4 | 0.4 | 6.8 | 7.0 | 44.8 |
| Basic metal products | 7.2 | 6.6 | 6.4 | 5.9 | 0.5 | 6.4 | 6.5 | 46.8 |
| Fabricated metal products | 13.5 | 12.1 | 14.1 | 11.7 | 2.4 | 14.1 | 14.2 | 72.0 |
| Motor vehicles and parts | 3.7 | 3.5 | 3.8 | 3.5 | 0.3 | 3.8 | 3.8 | 22.1 |
| Other transport equipment | 8.4 | 7.3 | 7.7 | 7.4 | 0.4 | 7.8 | 7.4 | 45.9 |
| Other machinery and equipment | 10.1 | 10.8 | 11.0 | 9.2 | 1.9 | 11.0 | 11.0 | 64.1 |
| Miscellaneous manufacturing | 4.6 | 6.1 | 6.2 | 4.2 | 1.9 | 6.0 | 6.0 | 30.8 |
| Electricity, gas and water | 16.0 | 15.3 | 15.3 | 13.3 | 1.8 | 15.1 | 15.0 | 107.7 |
| Construction | 45.3 | 50.8 | 51.1 | 46.3 | 5.8 | 52.1 | 53.7 | 315.4 |
| Wholesale and retail trade | 178.7 | 184.3 | 207.0 | 111.7 | 96.4 | 208.1 | 206.9 | 805.8 |
| Wholesale trade | 55.1 | 56.4 | 61.5 | 45.5 | 16.1 | 61.6 | 60.2 | 328.7 |
| Retail trade | 123.5 | 127.9 | 145.5 | 66.2 | 80.3 | 146.5 | 146.8 | 477.1 |
| Motor vehicles, petrol, tyres | 29.5 | 30.6 | 35.9 | 28.6 | 8.1 | 36.7 | 36.9 | 170.4 |
| Other retail trade | 94.0 | 97.3 | 109.6 | 37.6 | 72.2 | 109.8 | 109.9 | 306.7 |
| Transport and storage | 50.6 | 48.6 | 48.6 | 40.4 | 8.8 | 49.2 | 49.3 | 311.4 |
| Road transport | 14.8 | 14.1 | 13.8 | 11.5 | 2.8 | 14.3 | 14.4 | 77.1 |
| Other transport and storage | 35.8 | 34.5 | 34.8 | 29.0 | 6.0 | 34.9 | 34.9 | 234.4 |
| Communication | 22.0 | 21.3 | 20.9 | 16.4 | 4.7 | 21.1 | 20.8 | 141.4 |
| Finance, property and business services | 76.8 | 86.2 | 91.3 | 43.5 | 48.6 | 92.2 | 95.7 | 497.0 |
| Banking | 18.7 | 19.2 | 19.2 | 8.2 | 11.0 | 19.3 | 19.2 | 94.3 |
| Non-bank finance and investment | 11.3 | 9.9 | 10.1 | *4.9 | 5.1 | 10.0 | 10.1 | 66.1 |
| Insurance and services to insurance | 7.6 | 10.6 | 8.6 | 3.5 | 5.1 | 8.6 | 8.6 | 54.8 |
| Property and business services | 39.2 | 46.5 | 53.3 | 26.9 | 27.4 | 54.3 | 57.8 | 281.8 |
| Public admin. and defence(c)(e) | 43.2 | 44.4 | 44.6 | 30.6 | 14.6 | 45.2 | 52.1 | 266.1 |
| Commonwealth government admin (c) | 9.4 | 10.0 | 9.9 | 4.9 | 5.5 | 10.4 | 18.3 | 69.6 |
| State government admin. | 9.4 | 9.5 | 10.3 | 6.4 | 3.9 | 10.3 | 9.4 | 60.7 |
| Local government admin. | 21.2 | 21.6 | 21.5 | 17.5 | 4.1 | 21.6 | 21.5 | 119.2 |
| Other public admin. and defence(c) | 3.1 | 3.3 | 2.9 | 1.8 | 1.1 | 2.9 | 2.9 | 16.6 |
| Community services | 179.0 | 183.7 | 178.4 | 66.8 | 116.7 | 183.5 | 183.3 | 983.0 |
| Health | 72.2 | 69.9 | 68.0 | 16.3 | 52.3 | 68.6 | 69.5 | 356.8 |
| Education, museum and library services | 72.1 | 73.8 | 72.0 | 26.4 | 47.5 | 73.9 | 72.9 | 437.0 |
| Welfare and other community services | 34.7 | 40.0 | 38.4 | 24.1 | 17.0 | 41.0 | 40.9 | 189.2 |
| Recreation, personal and other services(a) | 64.0 | 65.2 | 75.8 | 31.5 | 46.2 | 77.7 | 78.0 | 257.4 |
| Entertainment and recreational services | 12.9 | 13.1 | 15.1 | 8.0 | 6.9 | 14.9 | 15.1 | 41.5 |
| Restaurants, hotels; personal services | 51.0 | 52.2 | 60.7 | 23.5 | 39.2 | 62.7 | 62.9 | 215.9 |
| Total all industries(d)(e) | 819.3 | 842.2 | 871.7 | 512.2 | 371.7 | 883.9 | 894.9 | 4,539.5 |

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e) For September 1988 includes temporary Australian Electoral Commission employees.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE | | | | | | | | |
| Mining | 4.6 | 5.2 | 4.4 | 3.9 | 0.6 | 4.4 | 4.5 | 37.8 |
| Manufacturing | 93.5 | 93.3 | 90.9 | 67.8 | 23.5 | 91.3 | 91.9 | 536.0 |
| Electricity, gas and water; construction | 15.0 | 19.6 | 16.6 | 17.2 | 2.4 | 19.6 | 18.2 | 101.7 |
| Wholesale and retail trade | 90.6 | 100.1 | 99.0 | 51.6 | 47.7 | 99.4 | 99.5 | 371.5 |
| Transport and storage | 10.6 | 10.3 | 10.8 | 8.7 | 2.4 | 11.1 | 11.1 | 60.9 |
| Finance, property and business services | 42.5 | 41.1 | 39.5 | 17.5 | 22.3 | 39.8 | 40.3 | 221.7 |
| Banking | 5.6 | 5.8 | 5.8 | 2.6 | 3.2 | 5.8 | 5.7 | 30.5 |
| Non-bank finance, investment and insurance | 9.5 | 9.7 | 10.2 | 4.4 | 5.8 | 10.2 | 10.1 | 58.5 |
| Property and business services | 27.3 | 25.6 | 23.5 | 10.6 | 13.3 | 23.9 | 24.4 | 132.7 |
| Community services | 43.2 | 39.6 | 39.7 | 10.0 | 30.6 | 40.6 | 40.7 | 177.8 |
| Health | 23.5 | 23.0 | 24.1 | 3.8 | 20.4 | 24.2 | 24.3 | 109.3 |
| Education, museum and library services | 6.0 | 5.6 | 5.3 | *1.9 | 3.8 | 5.6 | 5.5 | 30.9 |
| Welfare and other community services | 13.7 | 11.0 | 10.3 | 4.3 | *6.4 | 10.7 | 10.9 | 37.6 |
| Recreation, personal and other services(a) | 29.8 | 30.6 | 28.9 | 12.3 | 17.3 | 29.5 | 29.3 | 91.4 |
| Total all industries(b) | 329.9 | 339.8 | 329.9 | 188.9 | 146.7 | 335.7 | 335.7 | 1,598.8 |
| PUBLIC | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 0.8 | 0.7 | 0.8 | 0.7 | 0.1 | 0.8 | 0.7 | 4.6 |
| Mining | 1.2 | 1.2 | 1.2 | 1.0 | 0.2 | 1.2 | 1.2 | 9.7 |
| Manufacturing | 4.1 | 4.0 | 3.9 | 3.4 | 0.4 | 3.8 | 3.8 | 21.6 |
| Electricity, gas and water; construction | 14.5 | 14.2 | 15.2 | 13.7 | 1.5 | 15.2 | 15.1 | 103.2 |
| Wholesale and retail trade | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 1.0 |
| Transport and storage | 11.2 | 10.9 | 10.7 | 9.8 | 0.9 | 10.6 | 10.6 | 66.8 |
| Communication | 10.5 | 10.0 | 9.6 | 7.6 | 1.9 | 9.5 | 9.4 | 63.8 |
| Finance, property and business services | 9.6 | 9.5 | 9.3 | 4.9 | 4.4 | 9.3 | 9.3 | 56.6 |
| Banking | 5.8 | 5.8 | 5.8 | 2.9 | 2.9 | 5.8 | 5.8 | 32.1 |
| Non-bank finance, investment and insurance | 1.3 | 1.4 | 1.4 | 0.7 | 0.8 | 1.5 | 1.5 | 9.1 |
| Property and business services | 2.4 | 2.3 | 2.1 | 1.3 | 0.8 | 2.1 | 2.1 | 15.5 |
| Public administration and defence(c)(e) | 21.3 | 21.3 | 22.1 | 13.9 | 8.2 | 22.1 | 26.9 | 137.6 |
| Community services | 77.5 | 77.0 | 76.5 | 31.2 | 45.5 | 76.7 | 76.7 | 464.3 |
| Health | 29.4 | 29.2 | 29.6 | 7.6 | 22.3 | 29.9 | 30.0 | 166.5 |
| Education, museum and library services | 35.0 | 34.5 | 34.6 | 14.2 | 20.3 | 34.5 | 34.5 | 216.2 |
| Welfare and other community services | 13.1 | 13.2 | 12.3 | 9.4 | 3.0 | 12.3 | 12.3 | 81.5 |
| Recreation, personal and other services | 2.6 | 2.6 | 2.5 | 1.0 | 1.6 | 2.6 | 2.7 | 14.0 |
| Total all industries(e) | 153.4 | 151.5 | 152.1 | 87.2 | 64.7 | 151.9 | 156.7 | 943.1 |

For footnotes see end of table

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE AND PUBLIC | | | | | | | | |
| Mining | 5.8 | 6.3 | 5.6 | 4.8 | 0.7 | 5.6 | 5.7 | 47.6 |
| Manufacturing | 97.6 | 97.3 | 94.8 | 71.2 | 23.9 | 95.1 | 95.8 | 557.6 |
| Food, beverages and tobacco | 18.8 | 15.5 | 15.6 | 10.5 | 5.3 | 15.7 | 15.9 | 84.7 |
| Textiles, clothing and footwear | 7.2 | 6.7 | 7.1 | 2.8 | 4.3 | 7.1 | 7.2 | 34.2 |
| Wood and wood products | 5.0 | 7.0 | 5.7 | 4.8 | 0.9 | 5.7 | 5.8 | 31.4 |
| Furniture and mattresses | 2.8 | 3.2 | 2.5 | 1.9 | *.5 | 2.5 | 2.5 | 10.8 |
| Paper, paper products, printing and publishing | 9.0 | 9.3 | 7.3 | 5.1 | 2.3 | 7.5 | 7.6 | 46.6 |
| Chemical, petroleum and coal products | 2.6 | 2.7 | 2.5 | 2.1 | 0.3 | 2.5 | 2.4 | 17.0 |
| Non-metallic mineral products | 2.7 | 3.1 | 2.9 | 2.7 | 0.3 | 3.0 | 3.0 | 19.7 |
| Basic metal products | 7.4 | 7.4 | 7.7 | 7.0 | 0.6 | 7.6 | 7.6 | 58.3 |
| Fabricated metal products | 7.9 | 9.0 | 9.3 | 7.8 | 1.6 | 9.3 | 9.5 | 54.0 |
| Motor vehicles and parts | 12.3 | 11.7 | 12.6 | 10.6 | 2.0 | 12.6 | 12.8 | 76.6 |
| Other transport equipment | 2.1 | 2.1 | 2.0 | 1.9 | 0.1 | 2.0 | 2.0 | 12.1 |
| Other machinery and equipment | 13.5 | 11.9 | 11.7 | 8.5 | 3.3 | 11.8 | 11.8 | 65.7 |
| Miscellaneous manufacturing | 6.4 | 7.9 | 7.8 | 5.4 | 2.5 | 7.9 | 7.8 | 46.3 |
| Electricity, gas and water | 10.9 | 10.8 | 10.7 | 9.7 | 1.0 | 10.7 | 10.7 | 74.2 |
| Construction | 18.6 | 23.0 | 21.1 | 21.1 | 2.9 | 24.0 | 22.7 | 130.6 |
| Wholesale and retail trade | 90.8 | 100.2 | 99.2 | 51.7 | 47.8 | 99.5 | 99.7 | 372.5 |
| Wholesale trade | 30.9 | 30.7 | 31.4 | 21.4 | 10.8 | 32.2 | 32.5 | 162.5 |
| Retail trade | 59.9 | 69.6 | 67.8 | 30.3 | 37.0 | 67.4 | 67.2 | 209.9 |
| Motor vehicles, petrol, tyres | 12.5 | 16.7 | 16.5 | 13.3 | 3.1 | 16.4 | 16.4 | 69.7 |
| Other retail trade | 47.4 | 52.9 | 51.4 | 17.1 | 33.9 | 51.0 | 50.9 | 140.2 |
| Transport and storage | 21.8 | 21.2 | 21.6 | 18.5 | 3.3 | 21.8 | 21.7 | 127.7 |
| Road transport | 9.4 | 8.6 | 9.1 | 8.1 | 1.1 | 9.2 | 9.3 | 52.6 |
| Other transport and storage | 12.4 | 12.6 | 12.5 | 10.4 | 2.1 | 12.5 | 12.4 | 75.1 |
| Communication | 10.5 | 10.0 | 9.6 | 7.6 | 1.9 | 9.5 | 9.4 | 63.8 |
| Finance, property and business services | 52.1 | 50.6 | 48.8 | 22.4 | 26.7 | 49.2 | 49.7 | 278.3 |
| Banking | 11.5 | 11.6 | 11.6 | 5.5 | 6.1 | 11.6 | 11.6 | 62.6 |
| Non-bank finance and investment | 6.2 | 5.2 | 5.1 | 2.0 | 3.1 | 5.1 | 5.1 | 26.8 |
| Insurance and services to insurance | 4.7 | 5.9 | 6.6 | 3.1 | 3.4 | 6.5 | 6.5 | 40.7 |
| Property and business services | 29.7 | 27.9 | 25.6 | 11.9 | 14.1 | 26.0 | 26.5 | 148.2 |
| Public admin. and defence(c)(e) | 21.3 | 21.3 | 22.1 | 13.9 | 8.2 | 22.1 | 26.9 | 137.6 |
| Commonwealth government admin (e) | 5.9 | 5.6 | 5.8 | 3.2 | 2.6 | 5.8 | 10.7 | 39.6 |
| State government admin. | 5.3 | 5.4 | 5.9 | 3.8 | 2.2 | 5.9 | 5.8 | 38.4 |
| Local government admin. | 8.4 | 8.4 | 8.2 | 5.8 | 2.3 | 8.1 | 8.1 | 44.9 |
| Other public admin. and defence(c) | 1.6 | 1.9 | *2.3 | 1.2 | *1.0 | *2.2 | *2.3 | *14.6 |
| Community services | 120.7 | 116.6 | 116.2 | 41.1 | 76.1 | 117.3 | 117.4 | 642.0 |
| Health | 52.9 | 52.3 | 53.7 | 11.4 | 42.6 | 54.0 | 54.3 | 275.8 |
| Education, museum and library services | 41.0 | 40.1 | 39.9 | 16.0 | 24.1 | 40.2 | 40.0 | 247.1 |
| Welfare and other community services | 26.8 | 24.2 | 22.6 | 13.7 | 9.4 | 23.1 | 23.2 | 119.1 |
| Recreation, personal and other services(a) | 32.4 | 33.2 | 31.4 | 13.2 | 18.8 | 32.1 | 32.1 | 105.4 |
| Entertainment and recreational services | 6.8 | 9.1 | 9.0 | 4.6 | 4.5 | 9.1 | 9.0 | *39.5 |
| Restaurants, hotels, personal services | 25.6 | 24.1 | 22.4 | 8.7 | 14.3 | 23.0 | 23.1 | 65.9 |
| Total all industries(d)(e) | 483.3 | 491.2 | 482.0 | 276.1 | 211.4 | 487.6 | 492.4 | 2,541.9 |

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e) For September 1988 includes temporary Australian Electoral Commission employees

TABLE 10 EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE | | | | | | | | |
| Mining | 23.5 | 24.1 | 23.1 | 20.0 | 3.0 | 23.0 | 23.0 | 206.9 |
| Manufacturing | 67.3 | 67.0 | 65.8 | 50.2 | 15.3 | 65.5 | 65.2 | 384.5 |
| Electricity, gas and water; construction | 21.9 | 22.7 | 22.8 | 20.1 | 2.8 | 22.9 | 22.9 | 175.0 |
| Wholesale and retail trade | 106.4 | 106.6 | 110.5 | 56.1 | 54.1 | 110.2 | 110.5 | 449.7 |
| Transport and storage | 16.2 | 15.5 | 14.8 | 11.3 | 3.4 | 14.8 | 15.2 | 101.8 |
| Finance, property and business services | 50.3 | 55.6 | 48.4 | 22.2 | 26.5 | 48.7 | 49.0 | 287.9 |
| Banking | 5.5 | 6.0 | 6.0 | 2.6 | 3.4 | 6.0 | 6.0 | 28.8 |
| Non-bank finance, investment and insurance | *12.0 | 12.3 | 13.1 | 5.7 | 7.6 | 13.3 | 13.3 | 85.5 |
| Property and business services | 32.8 | 37.2 | 29.3 | 14.0 | 15.5 | 29.5 | 29.7 | 173.6 |
| Community services | 37.2 | 37.1 | 36.8 | 8.9 | 28.3 | 37.2 | 36.9 | 157.5 |
| Health | 22.2 | 20.0 | 20.2 | 3.4 | 17.0 | 20.4 | 20.3 | 87.6 |
| Education, museum and library services | 5.7 | 7.1 | 7.2 | 2.6 | 5.1 | 7.6 | 7.6 | 37.0 |
| Welfare and other community services | 9.4 | 10.0 | 9.3 | 3.0 | 6.3 | 9.2 | 8.9 | 32.9 |
| Recreation, personal and other services(a) | 42.2 | 32.5 | 32.6 | 12.3 | 20.5 | 32.8 | 31.2 | 103.7 |
| Total all industries(b) | 364.9 | 361.2 | 354.9 | 201.2 | 154.0 | 355.1 | 353.9 | 1,867.2 |
| PUBLIC | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 1.5 | 1.6 | 1.5 | 1.1 | 0.3 | 1.5 | 1.5 | 10.8 |
| Mining | 0.1 | - | - | - | - | - | - | 0.1 |
| Manufacturing | 3.2 | 2.7 | 2.8 | 2.6 | 0.4 | 3.0 | 3.0 | 17.8 |
| Electricity, gas and water; construction | 15.2 | 15.1 | 15.0 | 13.5 | 1.5 | 15.0 | 14.9 | 108.9 |
| Wholesale and retail trade | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 0.3 | 0.3 | 2.0 |
| Transport and storage | 9.9 | 9.8 | 10.0 | 9.0 | 1.0 | 10.0 | 10.0 | 77.2 |
| Communication | 10.2 | 9.9 | 9.9 | 7.3 | 2.4 | 9.7 | 9.6 | 74.3 |
| Finance, property and business services | 9.6 | 10.2 | 10.2 | 4.9 | 5.5 | 10.4 | 10.4 | 59.6 |
| Banking | 5.6 | 6.2 | 6.2 | 2.6 | 3.7 | 6.3 | 6.3 | 32.0 |
| Non-bank finance, investment and insurance | 1.5 | 1.5 | 1.5 | 0.6 | 0.9 | 1.5 | 1.5 | 9.0 |
| Property and business services | 2.5 | 2.6 | 2.6 | 1.7 | 0.9 | 2.6 | 2.6 | 18.6 |
| Public administration and defence(c)(e) | 23.2 | 23.4 | 22.8 | 13.9 | 9.0 | 22.9 | 29.5 | 145.2 |
| Community services | 82.6 | 84.4 | 80.0 | 31.9 | 50.9 | 82.9 | 84.4 | 505.5 |
| Health | 30.1 | 30.3 | 29.9 | 8.2 | 21.8 | 30.0 | 30.1 | 187.8 |
| Education, museum and library services | 40.7 | 41.8 | 38.6 | 15.4 | 25.7 | 41.1 | 42.8 | 229.6 |
| Welfare and other community services | 11.8 | 12.3 | 11.5 | 8.4 | 3.4 | 11.8 | 11.6 | 88.2 |
| Recreation, personal and other services | 2.1 | 2.1 | 2.0 | 1.1 | 1.0 | 2.1 | 2.1 | 11.9 |
| Total all industries(e) | 158.1 | 159.6 | 154.5 | 85.6 | 72.1 | 157.7 | 165.7 | 1,013.3 |

For footnotes see end of table

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|---------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE AND PUBLIC | | | | | | | | |
| Mining | 23.5 | 24.1 | 23.2 | 20.0 | 3.0 | 23.0 | 23.0 | 207.1 |
| Manufacturing | 70.5 | 69.7 | 68.6 | 52.8 | 15.7 | 68.5 | 68.2 | 402.3 |
| Food, beverages and tobacco | 12.9 | 11.9 | 10.8 | 7.7 | 3.2 | 10.9 | 11.3 | 58.7 |
| Textiles, clothing and footwear | 2.7 | 2.9 | 3.4 | 1.3 | 2.1 | 3.4 | 3.4 | 14.5 |
| Wood and wood products | 4.9 | 5.0 | 4.8 | 4.0 | 0.7 | 4.7 | 4.8 | 24.5 |
| Furniture and mattresses | 4.5 | 4.0 | 4.4 | 3.3 | 1.0 | 4.3 | 4.4 | 16.9 |
| Paper, paper products, printing and publishing | 8.6 | 8.5 | 8.2 | 4.4 | 3.8 | 8.2 | 8.1 | 43.5 |
| Chemical, petroleum and coal products | 3.5 | 3.6 | 3.5 | 2.8 | 0.7 | 3.5 | 3.5 | 25.5 |
| Non-metallic mineral products | 4.7 | 5.2 | 4.4 | 3.7 | 0.5 | 4.3 | 4.2 | 29.3 |
| Basic metal products | 6.5 | 6.7 | 5.8 | 5.3 | 0.5 | 5.8 | 5.7 | 44.0 |
| Fabricated metal products | 7.2 | 7.6 | 7.6 | 6.5 | 0.9 | 7.4 | 7.0 | 46.6 |
| Transport equipment | 4.4 | 4.4 | 4.5 | 4.2 | 0.4 | 4.5 | 4.5 | 26.4 |
| Other machinery and equipment | 7.9 | 6.8 | 8.4 | 7.5 | 1.3 | 8.8 | 8.5 | 56.7 |
| Miscellaneous manufacturing | 2.7 | 3.1 | 2.8 | 2.1 | 0.7 | 2.8 | 2.7 | 15.7 |
| Electricity, gas and water | 10.8 | 10.5 | 10.4 | 9.5 | 0.9 | 10.4 | 10.4 | 75.7 |
| Construction | 26.3 | 27.3 | 27.4 | 24.1 | 3.3 | 27.4 | 27.4 | 208.1 |
| Wholesale and retail trade | 106.7 | 106.9 | 110.8 | 56.3 | 54.2 | 110.5 | 110.8 | 451.7 |
| Wholesale trade | 29.2 | 32.5 | 33.3 | 23.4 | 9.8 | 33.2 | 33.6 | 196.4 |
| Retail trade | 77.5 | 74.4 | 77.5 | 32.8 | 44.4 | 77.3 | 77.2 | 255.3 |
| Motor vehicles, petrol, tyres | 17.3 | 17.6 | 17.2 | 12.5 | 3.9 | 16.5 | 16.0 | 81.4 |
| Other retail trade | 60.2 | 56.8 | 60.3 | 20.3 | 40.5 | 60.8 | 61.2 | 173.9 |
| Transport and storage | 26.1 | 25.3 | 24.9 | 20.4 | 4.4 | 24.8 | 25.2 | 179.0 |
| Road transport | 10.3 | 9.8 | 9.3 | 7.7 | 1.5 | 9.2 | 9.5 | 54.1 |
| Other transport and storage | 15.8 | 15.4 | 15.6 | 12.7 | 2.9 | 15.6 | 15.7 | 124.9 |
| Communication | 10.2 | 10.1 | 9.9 | 7.3 | 2.4 | 9.7 | 9.6 | 74.4 |
| Finance, property and business services | 59.8 | 65.8 | 58.6 | 27.2 | 31.9 | 59.1 | 59.4 | 347.5 |
| Banking | 11.1 | 12.2 | 12.2 | 5.2 | 7.1 | 12.3 | 12.3 | 60.8 |
| Non-bank finance and investment | 7.6 | 7.3 | 8.5 | 3.9 | 4.8 | 8.6 | 8.6 | 56.8 |
| Insurance and services to insurance | 5.9 | 6.5 | 6.0 | 2.4 | 3.7 | 6.1 | 6.1 | 37.7 |
| Property and business services | 35.3 | 39.8 | 31.9 | 15.7 | 16.4 | 32.1 | 32.4 | 192.2 |
| Public admin. and defence(c)(e) | 23.2 | 23.4 | 22.8 | 13.9 | 9.0 | 22.9 | 29.5 | 145.2 |
| Commonwealth government admin.(e) | 6.3 | 6.2 | 5.9 | 2.9 | 3.1 | 6.0 | 12.5 | 38.2 |
| State government admin. | 5.3 | 5.6 | 5.3 | 3.2 | 2.2 | 5.4 | 5.4 | 43.9 |
| Local government admin. | 10.4 | 10.1 | 10.2 | 7.0 | 3.2 | 10.1 | 10.2 | 52.8 |
| Other public admin. and defence(c) | 1.3 | 1.4 | 1.4 | 0.8 | 0.6 | 1.4 | 1.4 | 10.3 |
| Community services | 119.8 | 121.5 | 116.8 | 40.8 | 79.3 | 120.1 | 121.3 | 663.0 |
| Health | 52.3 | 50.3 | 50.1 | 11.6 | 38.8 | 50.3 | 50.4 | 275.3 |
| Education, museum and library services | 46.4 | 48.9 | 45.9 | 17.9 | 30.8 | 48.7 | 50.4 | 266.6 |
| Welfare and other community services | 21.1 | 22.4 | 20.8 | 11.4 | 9.7 | 21.1 | 20.5 | 121.1 |
| Recreation, personal and other services(a) | 44.3 | 34.6 | 34.7 | 13.4 | 21.5 | 34.9 | 33.3 | 115.6 |
| Entertainment and recreational services | 7.5 | 6.4 | 7.0 | 3.7 | 3.6 | 7.3 | 6.4 | 29.8 |
| Restaurants, hotels; personal services | 36.8 | 28.2 | 27.7 | 9.7 | 17.9 | 27.6 | 26.9 | 85.7 |
| Total all industries(d)(e) | 523.0 | 520.8 | 509.5 | 286.8 | 226.0 | 512.8 | 519.5 | 2,880.4 |

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting (e) For September 1988 includes temporary Australian Electoral Commission employees

TABLE 11.EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|-------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE | | | | | | | | |
| Mining | 3.0 | 2.8 | 2.8 | 2.7 | 0.2 | 2.8 | 2.8 | 23.8 |
| Manufacturing | 24.0 | 25.3 | 26.6 | 20.5 | 6.0 | 26.5 | 26.3 | 146.2 |
| Electricity, gas and water; construction | 4.8 | 4.9 | 4.5 | 3.8 | *7 | 4.5 | 4.4 | 22.0 |
| Wholesale and retail trade | 26.2 | 23.7 | 23.9 | 12.9 | 11.0 | 23.8 | 24.1 | 90.4 |
| Transport and storage | 4.1 | 3.9 | 3.6 | 3.0 | 0.6 | 3.7 | 3.7 | 20.0 |
| Finance, property and business services | 12.5 | 9.9 | 10.1 | 4.8 | 5.5 | 10.4 | 10.2 | 49.0 |
| Banking | 2.3 | 1.8 | 2.5 | 1.1 | 1.4 | 2.5 | 2.5 | 12.3 |
| Non-bank finance, investment and insurance | 2.5 | 2.3 | 2.1 | 0.8 | *1.2 | 2.0 | 2.1 | 9.9 |
| Property and business services | 7.8 | 5.9 | 5.6 | 2.9 | 2.9 | 5.8 | 5.6 | 26.8 |
| Community services | 13.3 | 14.3 | 15.3 | 3.3 | 12.3 | 15.7 | 15.6 | 59.0 |
| Health | 6.8 | *8.3 | *8.7 | *1.0 | *7.9 | *8.9 | *8.8 | *33.9 |
| Education, museum and library services | 2.8 | 2.2 | 2.5 | 0.8 | 1.7 | 2.5 | 2.5 | 12.2 |
| Welfare and other community services | 3.8 | 3.8 | 4.1 | 1.5 | 2.7 | 4.2 | 4.3 | 12.8 |
| Recreation, personal and other services(a) | 9.6 | 11.4 | 10.6 | 4.2 | 6.4 | 10.5 | 10.9 | 31.7 |
| Total all industries(b) | 97.6 | 96.3 | 97.5 | 55.2 | 42.8 | 98.0 | 97.9 | 442.1 |
| PUBLIC | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 0.7 | 0.7 | 0.7 | 0.6 | 0.1 | 0.7 | 0.7 | 4.8 |
| Manufacturing | 0.1 | 0.1 | 0.1 | 0.1 | - | 0.1 | 0.1 | 0.7 |
| Electricity, gas and water; construction | 7.0 | 6.7 | 6.3 | 5.8 | 0.5 | 6.3 | 6.2 | 42.3 |
| Wholesale and retail trade | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 1.0 |
| Transport and storage | 2.8 | 2.7 | 2.2 | 2.1 | 0.1 | 2.2 | 2.2 | 15.2 |
| Communication | 3.3 | 3.1 | 3.0 | 2.3 | 0.7 | 3.0 | 2.9 | 22.1 |
| Finance, property and business services | 2.6 | 2.6 | 2.0 | 1.1 | 0.8 | 2.0 | 1.9 | 11.6 |
| Banking | 0.8 | 0.7 | 0.7 | 0.4 | 0.4 | 0.7 | 0.7 | 3.5 |
| Non-bank finance, investment and insurance | 0.5 | 0.5 | 0.5 | 0.3 | 0.2 | 0.5 | 0.5 | 3.3 |
| Property and business services | 1.3 | 1.3 | 0.7 | 0.5 | 0.2 | 0.7 | 0.7 | 4.9 |
| Public administration and defence(c)(e) | 8.6 | 8.5 | 9.8 | 6.6 | 3.2 | 9.8 | 11.8 | 61.6 |
| Community services | 27.8 | 27.1 | 26.6 | 11.1 | 17.4 | 28.4 | 27.6 | 162.0 |
| Health | 10.6 | 10.6 | 9.7 | 2.7 | 7.5 | 10.2 | 10.2 | 57.5 |
| Education, museum and library services | 14.0 | 13.5 | 13.8 | 6.1 | 9.1 | 15.1 | 14.4 | 81.1 |
| Welfare and other community services | 3.1 | 3.1 | 3.0 | 2.2 | 0.8 | 3.1 | 3.1 | 23.4 |
| Recreation, personal and other services | 0.6 | 0.7 | 0.6 | 0.4 | 0.2 | 0.6 | 0.6 | 4.4 |
| Total all industries(e) | 53.7 | 52.3 | 51.5 | 30.3 | 23.1 | 53.3 | 54.4 | 325.8 |

For footnotes see end of table.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY-Continued

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|-------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| PRIVATE AND PUBLIC | | | | | | | | |
| Mining | 3.0 | 2.8 | 2.8 | 2.7 | 0.2 | 2.8 | 2.8 | 23.8 |
| Manufacturing | 24.2 | 25.4 | 26.8 | 20.6 | 6.0 | 26.7 | 26.4 | 146.9 |
| Food, beverages and tobacco | 5.2 | 6.7 | 6.8 | 4.1 | 2.5 | 6.6 | 6.4 | 31.4 |
| Textiles; clothing and footwear | 2.0 | 2.4 | 2.5 | 1.2 | 1.3 | 2.5 | 2.4 | 10.8 |
| Wood; wood products and furniture | 3.8 | 3.7 | 3.8 | 3.2 | 0.5 | 3.8 | 3.8 | 18.8 |
| Paper, paper products, printing and publishing | 5.4 | 5.0 | 5.2 | 4.4 | 0.8 | 5.2 | 5.2 | 34.3 |
| Chemical, petroleum and coal products | 0.9 | 0.9 | 1.0 | 0.9 | 0.1 | 1.0 | 1.0 | 6.7 |
| Non-metallic mineral products | 0.7 | 0.8 | 1.0 | *.9 | 0.1 | 1.0 | 1.0 | 6.1 |
| Basic metal products | 2.9 | 2.8 | 2.9 | 2.7 | 0.1 | 2.9 | 2.9 | 20.0 |
| Fabricated metal products | 1.6 | *1.5 | 1.7 | 1.5 | *.1 | 1.7 | 1.6 | 8.3 |
| Transport equipment | 0.7 | 0.7 | 0.8 | 0.6 | 0.1 | 0.8 | 0.8 | 4.1 |
| Other manufacturing | 1.0 | 0.9 | 1.3 | 1.0 | *.3 | 1.3 | 1.3 | 6.4 |
| Electricity, gas and water | 5.1 | 4.8 | 4.7 | 4.3 | 0.4 | 4.7 | 4.7 | 32.4 |
| Construction | 6.7 | 6.8 | 6.0 | 5.2 | *.8 | 6.0 | 5.9 | 31.9 |
| Wholesale and retail trade | 26.4 | 23.9 | 24.1 | 13.0 | 11.0 | 24.0 | 24.3 | 91.4 |
| Wholesale trade | 7.6 | 6.7 | 6.6 | 4.9 | 1.8 | 6.7 | 6.7 | 34.3 |
| Retail trade | 18.8 | 17.2 | 17.5 | 8.1 | 9.3 | 17.3 | 17.5 | 57.1 |
| Motor vehicles, petrol, tyres | 4.0 | 3.7 | 3.6 | 3.2 | 0.5 | 3.7 | 3.7 | 17.3 |
| Other retail trade | 14.8 | 13.4 | 13.9 | 4.9 | 8.8 | 13.7 | 13.9 | 39.9 |
| Transport and storage | 6.9 | 6.6 | 5.8 | 5.1 | 0.8 | 5.9 | 5.9 | 35.2 |
| Road transport | 2.8 | 2.9 | 2.5 | 2.3 | 0.3 | 2.6 | 2.7 | 13.4 |
| Other transport and storage | 4.1 | 3.7 | 3.3 | 2.9 | 0.5 | 3.3 | 3.3 | 21.8 |
| Communication | 3.3 | 3.1 | 3.0 | 2.3 | 0.7 | 3.0 | 3.0 | 22.2 |
| Finance, property and business services | 15.1 | 12.5 | 12.1 | 6.0 | 6.3 | 12.3 | 12.1 | 60.7 |
| Banking | 3.0 | 2.5 | 3.3 | 1.4 | 1.8 | 3.2 | 3.2 | 15.8 |
| Non-bank finance and investment | 1.4 | *1.4 | 1.0 | *.4 | *.6 | 1.0 | 1.1 | 4.7 |
| Insurance and services to insurance | 1.7 | 1.4 | 1.5 | 0.7 | 0.8 | 1.5 | 1.5 | 8.5 |
| Property and business services | 9.1 | 7.2 | 6.3 | 3.5 | 3.1 | 6.5 | 6.4 | 31.7 |
| Public admin. and defence(c)(e) | 8.6 | 8.5 | 9.8 | 6.6 | 3.2 | 9.8 | 11.8 | 61.6 |
| Commonwealth government admin (e) | 2.0 | 2.0 | 2.0 | 1.1 | 1.0 | 2.0 | 4.0 | 13.3 |
| State government admin. | 2.5 | 2.6 | 3.8 | 2.7 | 1.2 | 3.8 | 3.9 | 25.6 |
| Local government admin. | 3.2 | 3.1 | 3.1 | 2.3 | 0.7 | 3.0 | 3.1 | 16.7 |
| Other public admin. and defence(c) | 0.9 | 0.9 | 0.9 | 0.6 | 0.3 | 0.9 | 0.9 | 5.9 |
| Community services | 41.1 | 41.5 | 41.9 | 14.4 | 29.7 | 44.1 | 43.2 | 221.0 |
| Health | 17.5 | 18.9 | 18.4 | 3.8 | 15.4 | 19.1 | 19.0 | 91.4 |
| Education, museum and library services | 16.7 | 15.7 | 16.3 | 6.9 | 10.7 | 17.6 | 16.8 | 93.4 |
| Welfare and other community services | 6.9 | 6.9 | 7.2 | 3.7 | 3.6 | 7.3 | 7.3 | 36.2 |
| Recreation, personal and other services(a) | 10.2 | 12.1 | 11.2 | 4.6 | 6.6 | 11.2 | 11.5 | 36.1 |
| Entertainment and recreational services | 3.2 | 3.7 | 3.8 | 2.0 | *1.9 | 3.9 | 4.0 | 16.1 |
| Restaurants, hotels; personal services | 7.1 | 8.4 | 7.5 | *2.6 | 4.7 | 7.3 | 7.5 | 19.9 |
| Total all industries(d)(e) | 151.3 | 148.6 | 149.0 | 85.4 | 65.8 | 151.3 | 152.3 | 767.9 |

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting (e) For September 1988 includes temporary Australian Electoral Commission employees

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY - INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|-----------|-----------|-------------|---------|----------------|------------------------|-------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| Mining | 1.7 | 1.7 | 1.7 | 1.4 | 0.2 | 1.7 | 1.6 | 14.5 |
| Manufacturing | 2.5 | 3.1 | 3.2 | 2.5 | 0.7 | 3.2 | 3.3 | 22.5 |
| Electricity, gas and water | 1.3 | 1.2 | 1.2 | 1.0 | 0.2 | 1.2 | 1.2 | 9.8 |
| Construction | 3.3 | 5.1 | 4.8 | 3.8 | 0.8 | 4.7 | 4.7 | 35.5 |
| Wholesale and retail trade | 9.9 | 9.8 | 11.2 | 5.7 | 6.1 | 11.8 | 11.4 | 44.4 |
| Transport and storage | 1.9 | 1.9 | 2.0 | 1.6 | 0.5 | 2.1 | 1.9 | 12.3 |
| Communication | 1.4 | 1.4 | 1.3 | 1.0 | 0.3 | 1.3 | 1.3 | 9.9 |
| Finance, property and business services | 4.5 | 4.9 | 4.7 | 2.2 | 2.5 | 4.7 | 4.6 | 24.5 |
| Public administration and defence(a)(d) | 6.4 | 6.5 | 6.3 | 3.6 | 2.7 | 6.3 | 6.3 | 47.5 |
| Community services | 17.3 | 15.0 | 16.2 | 7.2 | 9.4 | 16.6 | 17.2 | 103.4 |
| Health | 4.3 | 5.4 | 5.6 | 1.8 | 3.9 | 5.6 | 5.6 | 41.4 |
| Education, museum and library services | 5.2 | 5.2 | 4.7 | 1.7 | 3.0 | 4.7 | 5.2 | 35.1 |
| Welfare and other community services | 7.8 | 4.4 | 5.9 | 3.7 | *2.6 | 6.3 | 6.4 | 26.9 |
| Recreation, personal and other services(b) | 4.5 | 3.5 | 4.4 | 1.7 | *2.8 | 4.5 | 4.3 | 18.4 |
| Total all industries(c)(d) | 54.7 | 54.1 | 56.9 | 31.6 | 26.4 | 58.0 | 57.9 | 342.7 |

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to agriculture, forestry and hunting. (d) For September 1988 includes temporary Australian Electoral Commission employees.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY - INDUSTRY

| Industry | Number of employees('000) | | | | | | Gross earnings | |
|--|---------------------------|--------------|--------------|-------------|-------------|----------------|------------------------|--------------|
| | September 1987 | June 1988 | July 1988 | August 1988 | | September 1988 | September Quarter 1988 | |
| | Persons | Persons | Persons | Males | Females | Persons | Persons | \$m |
| Manufacturing | 4.6 | 4.9 | 4.3 | 3.1 | 1.2 | 4.3 | 4.2 | 26.0 |
| Electricity, gas and water | 0.9 | 0.9 | 1.4 | 1.2 | 0.2 | 1.4 | 1.4 | 10.9 |
| Construction | 4.2 | 4.9 | 4.9 | 4.3 | 0.6 | 4.9 | 4.7 | 30.7 |
| Wholesale and retail trade | 17.5 | 18.7 | 17.8 | 9.6 | 8.5 | 18.2 | 18.5 | 70.3 |
| Transport and storage | 4.3 | *3.3 | 3.4 | *2.7 | *.6 | 3.3 | 3.4 | 26.0 |
| Communication | 2.0 | 2.1 | 2.0 | 1.4 | 0.5 | 1.9 | 1.9 | 12.3 |
| Finance, property and business services | 11.6 | 12.4 | 12.5 | 5.7 | 6.6 | 12.4 | 11.9 | 77.3 |
| Public administration and defence(a)(d) | 36.5 | 37.4 | 37.7 | 21.0 | 16.3 | 37.3 | 37.3 | 312.0 |
| Community services | 31.4 | 31.0 | 30.7 | 11.2 | 19.8 | 30.9 | 31.0 | 204.8 |
| Health | 7.9 | 8.5 | 8.5 | 1.9 | 6.8 | 8.7 | 8.5 | 48.7 |
| Education, museum and library services | 14.6 | 14.6 | 13.7 | 5.7 | 8.5 | 14.2 | 14.3 | 99.8 |
| Welfare and other community services | 8.8 | 7.9 | 8.4 | 3.6 | *4.5 | 8.0 | 8.2 | 56.3 |
| Recreation, personal and other services(b) | 9.1 | 10.7 | 10.8 | 4.6 | 6.8 | 11.3 | 11.1 | 41.7 |
| Total all industries(c)(d) | 122.3 | 126.4 | 125.5 | 64.9 | 61.1 | 126.0 | 125.4 | 813.2 |

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes mining and employees of government agencies classified to agriculture, forestry, fishing and hunting. (d) For September 1988 includes temporary Australian Electoral Commission employees.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR - EMPLOYER SIZE(a)

| | <i>Less than 20 employees</i> | | <i>20-99 employees</i> | | <i>100 or more employees</i> | | <i>Total</i> | |
|--|-------------------------------|-----------------------------|------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------|-----------------------------|
| | <i>Aug. 1988</i> | <i>Sept. Quarter 1988</i> | <i>Aug. 1988</i> | <i>Sept. Quarter 1988</i> | <i>Aug. 1988</i> | <i>Sept. Quarter 1988</i> | <i>Aug. 1988</i> | <i>Sept. Quarter 1988</i> |
| | <i>Persons ('000)</i> | <i>Gross Earnings (\$m)</i> | <i>Persons ('000)</i> | <i>Gross Earnings (\$m)</i> | <i>Persons ('000)</i> | <i>Gross Earnings (\$m)</i> | <i>Persons ('000)</i> | <i>Gross Earnings (\$m)</i> |
| AUSTRALIA BY INDUSTRY | | | | | | | | |
| Mining | 6.3 | 43.4 | 6.6 | 55.2 | 63.7 | 615.7 | 76.6 | 714.3 |
| Manufacturing | 177.8 | 857.2 | 211.5 | 1,176.2 | 601.7 | 4,049.0 | 991.0 | 6,082.5 |
| Electricity, gas and water | 0.2 | 0.7 | 0.4 | 3.2 | 3.7 | 27.5 | 4.3 | 31.4 |
| Construction | 119.3 | 575.8 | 71.9 | 489.5 | 55.3 | 481.2 | 246.5 | 1,546.4 |
| Wholesale and retail trade | 501.0 | 1,931.0 | 257.0 | 1,311.8 | 503.8 | 2,196.3 | 1,261.8 | 5,439.1 |
| Transport and storage | 57.0 | 250.8 | 35.9 | 219.6 | 59.6 | 456.2 | 152.4 | 926.5 |
| Finance, property and business services | 222.4 | 1,182.7 | 151.0 | 1,037.1 | 255.9 | 1,634.4 | 629.3 | 3,854.2 |
| Community services | 142.2 | 649.8 | 110.6 | 463.7 | 212.0 | 957.2 | 464.9 | 2,070.7 |
| Recreation, personal and other services(b) | 178.6 | 492.4 | 144.6 | 455.9 | 105.1 | 426.6 | 428.3 | 1,374.9 |
| Total all industries(c) | 1,405.2 | 5,985.4 | 989.6 | 5,212.2 | 1,861.0 | 10,845.9 | 4,255.8 | 22,043.4 |
| STATES AND TERRITORIES | | | | | | | | |
| New South Wales | 489.1 | 2,142.9 | 333.0 | 1,838.8 | 695.7 | 4,310.0 | 1,517.9 | 8,291.8 |
| Victoria | 378.4 | 1,605.5 | 298.7 | 1,579.1 | 548.3 | 3,245.3 | 1,225.4 | 6,429.9 |
| Queensland | 226.6 | 915.6 | 143.9 | 731.4 | 261.5 | 1,327.7 | 632.0 | 2,974.7 |
| South Australia | 112.8 | 474.5 | 78.3 | 368.6 | 144.6 | 755.7 | 335.7 | 1,598.8 |
| Western Australia | 120.5 | 520.9 | 84.9 | 456.5 | 149.8 | 889.8 | 355.1 | 1,867.2 |
| Tasmania | 38.2 | 142.5 | 22.3 | 100.9 | 37.4 | 198.7 | 98.0 | 442.1 |
| Northern Territory | 14.7 | 69.4 | 12.2 | 58.6 | 10.1 | 53.0 | 37.1 | 181.0 |
| Australian Capital Territory | 24.8 | 114.1 | 16.3 | 78.1 | 13.6 | 65.7 | 54.6 | 257.9 |

(a) See Appendix 2. (b) Excludes private households employing staff (c) Includes employees of private enterprises classified to communication.

APPENDIX 1 - EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. As an indicator of the number of employed wage and salary earners out of scope of the survey, and included in the first three groups above, the following estimates derived from other sources show the average number of employees for the year ended June 1988 as: New South Wales 73,600; Victoria 42,700; Queensland 49,800; South Australia 18,100; Western Australia 28,500; Tasmania 12,400; Northern Territory 2,700; Australian Capital Territory 7,500; and Australia 235,300.

Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 15,000 private and 2,500 public employer units were selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing

enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. The greater than usual change in the sample in recent quarters, however, has caused an increase in the standard error of the movement in the estimates between those periods (see paragraphs 10 and 11, below, for more information on interpretation of estimates of movements).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change has also been achieved without significant loss of accuracy in the main estimates, however, a different estimation system than that used for the private sector has been used for the public sector estimates for this quarter. This is an interim step with future quarterly public sector data intended to be produced using the same estimation system as for the private sector.

Reliability of estimates

9. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 3 - Technical Note.

Interpretation of estimates of movements

10. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Periodically, the ABS takes special steps to improve the coverage of the register in specific industry sectors. Recently, a number of checks have been undertaken of businesses in various industries listed on the register. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings for those industries.

11. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

Comparability of results

12. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

13. Separate estimates of full-time and part-time employees are included in Table 4. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 12, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

14. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published

in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

15. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

16. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

Employer unit size classification

17. Data presented in Table 14 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

Semi-logarithmic graphs

18. Diagram 5 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

Related publications

19. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0) — issued monthly
Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0) — issued 11 July 1985

Average Weekly Earnings, Australia (Preliminary) (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

Pay Periodicity of Gross Wages and Salaries, Australia, September quarter 1984 (6347.0) — issued 5 September 1985

Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage — issued June 1986

A Guide to Labour Statistics (6102.0) — issued 10 February 1986

Small Business in Australia 1983-84 to 1986-87 (1321.0) — issued September 1988.

20. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

21. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS office.

Symbols and other usages

- nil or rounded to zero
- * subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 3 - Technical Note.

22. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

Electronic services

VIATEL. Key *656# for selected current economic, social, and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET. For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements. Further information is available on (062) 52 5404.

Floppy disk service

Selected ABS statistics are available on floppy disk. For further information phone (062) 52 6684.

APPENDIX 2 - GLOSSARY

Commonwealth government employees. Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

Employer units are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of Appendix 1 - Explanatory Notes).

Employer unit size. To derive estimates of employer unit size, each of the approximately 15,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

Full-time employees. Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

Gross earnings. Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation which are not covered by insurance, i.e. 'make-up' pay; and severance, termination and redundancy payments.

Industry. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

Institutional sector. Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

Local government employees. Persons employed by municipalities and shires and other local authorities

created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Number of employees. All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

Part-time employees. Permanent, temporary and casual employees who are not classified as full-time employees as defined.

Public employees. Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

Reference period for the number of employees. The last pay period ending on or before the third Friday in each month.

Reference period for earnings. All pay periods for which the end of the pay period falls within the quarter.

Sector. Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

State government employees. Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory administration has been classified as a 'State' government.

APPENDIX 3 - TECHNICAL NOTE

Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an es-

timate. Table A shows standard errors for movements in the level of estimates for the private sector for persons between the third month of successive quarters. Annual movement standard errors are also shown for the private sector in Table A and relate to December 1986 - December 1987 movements. In the past, these would have been applicable to 1988 annual movements, as the magnitude of these standard errors does not change significantly over the course of a single year. However, because of the change in sample size in the March quarter 1988, standard errors for 1988 annual movements are somewhat higher than those shown in Table A.

6. For this quarter, standard errors for quarterly or annual movement for the public sector are the same as the standard errors for level since, in previous quarters, estimates for the public sector have not been subject to sampling variability as data had been collected from all public sector units.

7. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

8. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PRIVATE SECTOR :
STANDARD ERRORS, SEPTEMBER 1988, PERSONS ('000)

| Industry | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. | Aust. |
|--|--------|------|------|------|------|------|------|--------|-------|
| LEVEL | | | | | | | | | |
| Mining | 1.0 | 0.5 | 0.7 | 0.2 | 1.0 | 0.1 | 0.1 | - | 1.7 |
| Manufacturing | 5.6 | 5.8 | 2.6 | 2.0 | 1.7 | 0.6 | 0.3 | 0.2 | 8.9 |
| Construction | 4.6 | 6.9 | 5.2 | 2.5 | 2.2 | 0.7 | 0.8 | 0.7 | 10.5 |
| Wholesale and retail trade | 12.2 | 12.5 | 7.9 | 4.8 | 4.1 | 1.6 | 2.1 | 1.2 | 20.4 |
| Transport and storage | 3.6 | 3.9 | 1.6 | 0.9 | 1.5 | 0.3 | 0.3 | 1.0 | 5.9 |
| Finance, property and business services | 10.7 | 8.3 | 4.5 | 1.6 | 3.1 | 0.8 | 0.4 | 1.5 | 14.8 |
| Community services | 6.6 | 5.6 | 3.9 | 3.0 | 1.6 | 2.7 | 1.2 | 1.7 | 10.7 |
| Recreation, personal and other services(a) | 6.2 | 7.7 | 6.2 | 2.0 | 2.6 | 1.4 | 0.9 | 0.9 | 12.2 |
| Total all industries | 20.3 | 20.3 | 13.2 | 7.0 | 6.9 | 3.7 | 2.7 | 2.9 | 33.6 |
| QUARTERLY MOVEMENT | | | | | | | | | |
| Mining | 0.9 | 0.4 | 0.7 | 0.7 | 1.8 | - | 0.1 | - | 2.3 |
| Manufacturing | 5.8 | 6.3 | 3.6 | 2.2 | 2.0 | 0.7 | 0.3 | 0.3 | 9.7 |
| Construction | 2.2 | 3.2 | 2.8 | 1.4 | 1.6 | 0.4 | 0.6 | 0.4 | 5.3 |
| Wholesale and retail trade | 9.2 | 8.0 | 5.9 | 3.5 | 2.8 | 0.9 | 0.9 | 0.8 | 14.4 |
| Transport and storage | 2.3 | 1.4 | 0.8 | 0.5 | 0.6 | 0.2 | 0.3 | 0.2 | 2.9 |
| Finance, property and business services | 10.0 | 6.5 | 4.6 | 2.5 | 4.7 | 0.8 | 0.3 | 1.5 | 14.0 |
| Community services | 3.1 | 3.2 | 1.9 | 0.9 | 1.0 | 1.5 | 0.8 | 0.7 | 5.3 |
| Recreation, personal and other services(a) | 2.4 | 4.1 | 4.4 | 1.7 | 2.0 | 0.8 | 0.4 | 0.4 | 7.1 |
| Total all industries | 15.7 | 13.6 | 10.0 | 5.5 | 6.8 | 2.2 | 1.5 | 2.0 | 24.8 |
| ANNUAL MOVEMENT(b) | | | | | | | | | |
| Mining | 0.7 | 0.2 | 0.4 | 0.3 | 1.7 | 0.1 | 0.1 | - | 2.0 |
| Manufacturing | 5.8 | 5.1 | 3.1 | 2.0 | 3.0 | 0.3 | 0.3 | 0.2 | 9.1 |
| Construction | 2.9 | 2.6 | 2.5 | 0.8 | 2.1 | 0.5 | 0.3 | 0.4 | 5.2 |
| Wholesale and retail trade | 12.8 | 10.5 | 6.0 | 4.7 | 4.8 | 1.3 | 1.0 | 2.2 | 19.1 |
| Transport and storage | 2.1 | 2.4 | 1.1 | 0.6 | 1.2 | 0.2 | 0.3 | 1.5 | 3.9 |
| Finance, property and business services | 7.2 | 8.5 | 5.8 | 4.5 | 3.3 | 2.6 | 1.9 | 1.4 | 14.2 |
| Community services | 6.2 | 6.0 | 2.3 | 2.6 | 2.2 | 1.1 | 4.0 | 1.5 | 10.5 |
| Recreation, personal and other services(a) | 6.3 | 8.8 | 7.8 | 1.8 | 5.9 | 0.8 | 0.9 | 1.1 | 14.8 |
| Total all industries | 18.4 | 18.3 | 12.4 | 7.5 | 9.6 | 3.3 | 4.6 | 3.6 | 32.0 |

(a) Excludes private households employing staff. (b) See paragraph 5 above.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PUBLIC SECTOR :
STANDARD ERRORS, SEPTEMBER 1988, PERSONS ('000)

| Industry | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. | Aust. |
|--|--------|------|-----|------|------|------|------|--------|-------|
| LEVEL | | | | | | | | | |
| Agriculture, forestry, fishing and hunting | - | - | - | - | - | - | - | - | - |
| Mining | - | - | - | - | - | - | - | - | - |
| Manufacturing | - | - | 0.1 | - | - | - | - | - | 0.1 |
| Electricity, gas and water | 0.1 | 0.1 | 0.1 | - | - | - | - | - | 0.2 |
| Construction | - | - | - | - | - | - | - | - | - |
| Wholesale and retail trade | - | - | - | - | - | - | - | - | - |
| Transport and storage | 0.4 | 0.3 | 0.1 | - | - | - | - | - | 0.5 |
| Communication | - | 0.1 | - | - | - | - | - | - | 0.1 |
| Finance, property and business services | 0.1 | - | - | - | - | - | - | - | 0.2 |
| Public administration and defence(a) | 0.8 | 0.4 | 0.3 | 0.2 | 0.2 | 2.2 | - | 0.6 | 2.5 |
| Community services | 0.5 | 2.8 | 0.1 | 0.2 | 0.1 | - | - | 0.3 | 2.8 |
| Recreation, personal and other services | 0.9 | - | - | 0.1 | - | - | - | - | 0.9 |
| Total all industries | 0.5 | 2.7 | 0.4 | 0.3 | 0.3 | 2.2 | - | 0.5 | 3.7 |

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

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